

CREST
ENCOLADORA

ESQUEMAS ELÉCTRICOS

código máquina **=CRT**
trabajo **4607**
pedido **COM17312**
cliente **CORRUGADORA GUATEMA**
edición **31/05/2017**

FOSBER s.p.a.

... simply better

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E-mail info@fosber.it Web site www.fosber.it
Cod.Fisc. e P.IVA 00429870462

INDICE PRINCIPAL

TABLERO PRINCIPAL

=CRT+Q0

CONSOLA PRINCIPAL

=CRT+C0

CONSOLA REMOTA

=CRT+C1

CAJA BORDE MÁQUINA

=CRT+B0

RAYA MATERIAL

=CRT+P0

CONFIGURACION MÁQUINA

1 NIVEL	<input type="checkbox"/>
2 NIVELES	<input checked="" type="checkbox"/>
3 NIVELES	<input type="checkbox"/>
MAMPAROS FIJOS	<input type="checkbox"/>
MAMPAROS 2 MOTORES	<input checked="" type="checkbox"/>
CILINDRO COMPRESOR NIVEL 1	<input checked="" type="checkbox"/>
PATÍN NIVEL 1	<input type="checkbox"/>
CILINDRO COMPRESOR NIVEL 2	<input checked="" type="checkbox"/>
PATÍN NIVEL 2	<input type="checkbox"/>
CILINDRO COMPRESOR NIVEL 3	<input type="checkbox"/>
PATÍN NIVEL 3	<input type="checkbox"/>
	<input type="checkbox"/>

IDENTIFICACIÓN EQUIPO

placa de identificación

+Q0**DATOS DE PLACA [CEI EN 60204-1, IEC 60204-1]**

sigla máquina	=CRT	tensión nominal	460	VAC
tipo máquina	CREST	número de las fases	3	
Nº esquema eléctrico	=CRT+Q0-028	frecuencia (f)	60	Hz
año de construcción	2017	corriente a máxima carga (In)	REF.+Q0.003	A
matrícula	COM17312	poder de interrupción (Icc)	50	kA
		peso tablero eléctrico	290	kg

OTROS DATOS

potencia nominal instalada	REF.+Q0.003 kW	corriente nominal de la carga mayor (Ia)	11,5	A
grado de protección armarios eléctricos y consolas	IP 41			

COLOR DE LOS CONDUCTORES

[IEC 60204-1 CEI 44-5 10.2.2]

CÓDIGO DE IDENTIFICACIÓN DE LOS MATERIALES

[IEC 750 CEI 3-34]

BLOQUEO	FINALIDAD	MARCAS DE PREFIJO	EJEMPLO
1	Código principal de identificación	=	=CRT
2	Código de ubicación del material	+	+Q0
3	Código de identificación del material	-	-X5
4	Código de identificación de las borneras	:	:3

NOMENCLATURA ADOPTADA PARA LOS COMPONENTES

NOMENCLATURA DE LOS CABLES

número página, número progresivo del cable (primer n° cable dentro página: 10)

NOMENCLATURA DE LOS BORNES

-Número de la bornera, número progresivo del borne (primer n° borne: 1)

NOMENCLATURA DE LOS COMPONENTES GENÉRICOS

-referencia del dispositivo, número de la página, número progresivo del componente

NOMENCLATURA DE LOS CABLES ENTRE TABLERO ELÉCTRICO Y BORDO MÁQUINA

código máquina, número tablero-Wnúmero del cable

NOMENCLATURA DE LOS CABLES ENTRE LOS TABLEROS ELÉCTRICOS

código máquina, número del tablero de origen, número del tablero de destinación-Wnúmero del cable

MARCAS DE USO COMÚN EN LA MÁQUINA

[IEC 617-2 CEI 3-14]

Línea de rayas cortas : Utilizada para identificar el montaje en el adaptador		Línea, punto, linea: Utilizada en asociaciones funcionales, agrupamientos		Línea formada por una raya larga y dos breves intercaladas : Utilizada en aequipamientos secundarios, extremos al tablero	
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LOS CIRCUITOS DE COLOR NARANJA QUEDAN CON TENSIÓN TAMBIÉN DESPUES DE LA ABERTURA DEL INTERRUPTOR GENERAL

Las informaciones técnicas identificadas con el símbolo al lado, están destinadas a ser utilizadas únicamente por el personal Fosber. Dichas informaciones no siendo importantes al fin de la seguridad, están redactadas únicamente en italiano, según cuanto previsto al punto 18.1 de la norma CEI EN 60204-1 (IEC 60204-1).



LAS PÁGINAS QUE TIENEN SÓLO A LLEVADA EN ESTE ESQUEMA SE TIENEN QUE CONSIDERAR VACIAS INTENCIONALMENTE

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CREST

=CRT+Q0



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CREST
 SEZIONE SCHEMA ELETTRICO
 SECCIÓN ESQUEMA ELÉCTRICO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	1 of 143

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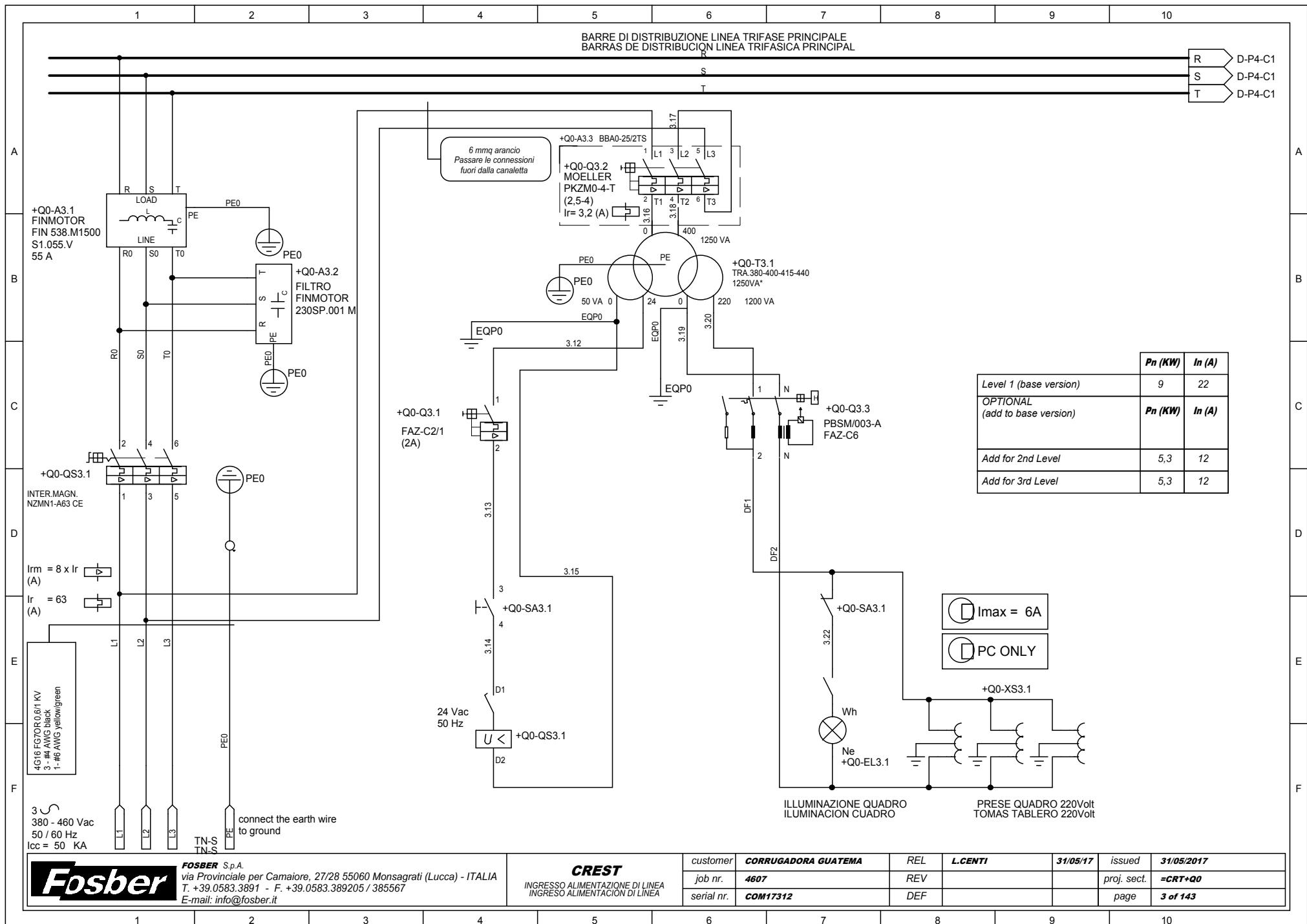


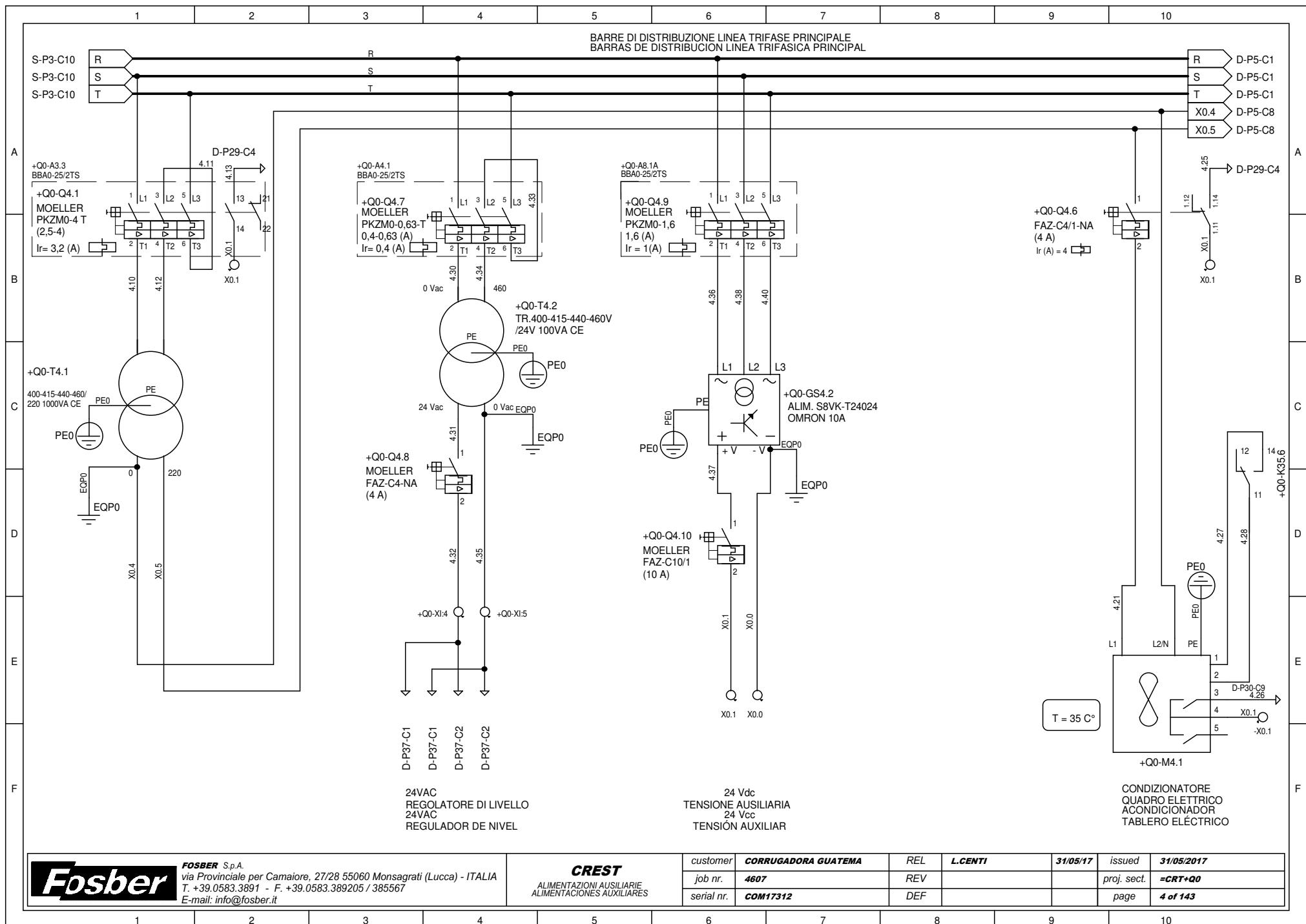
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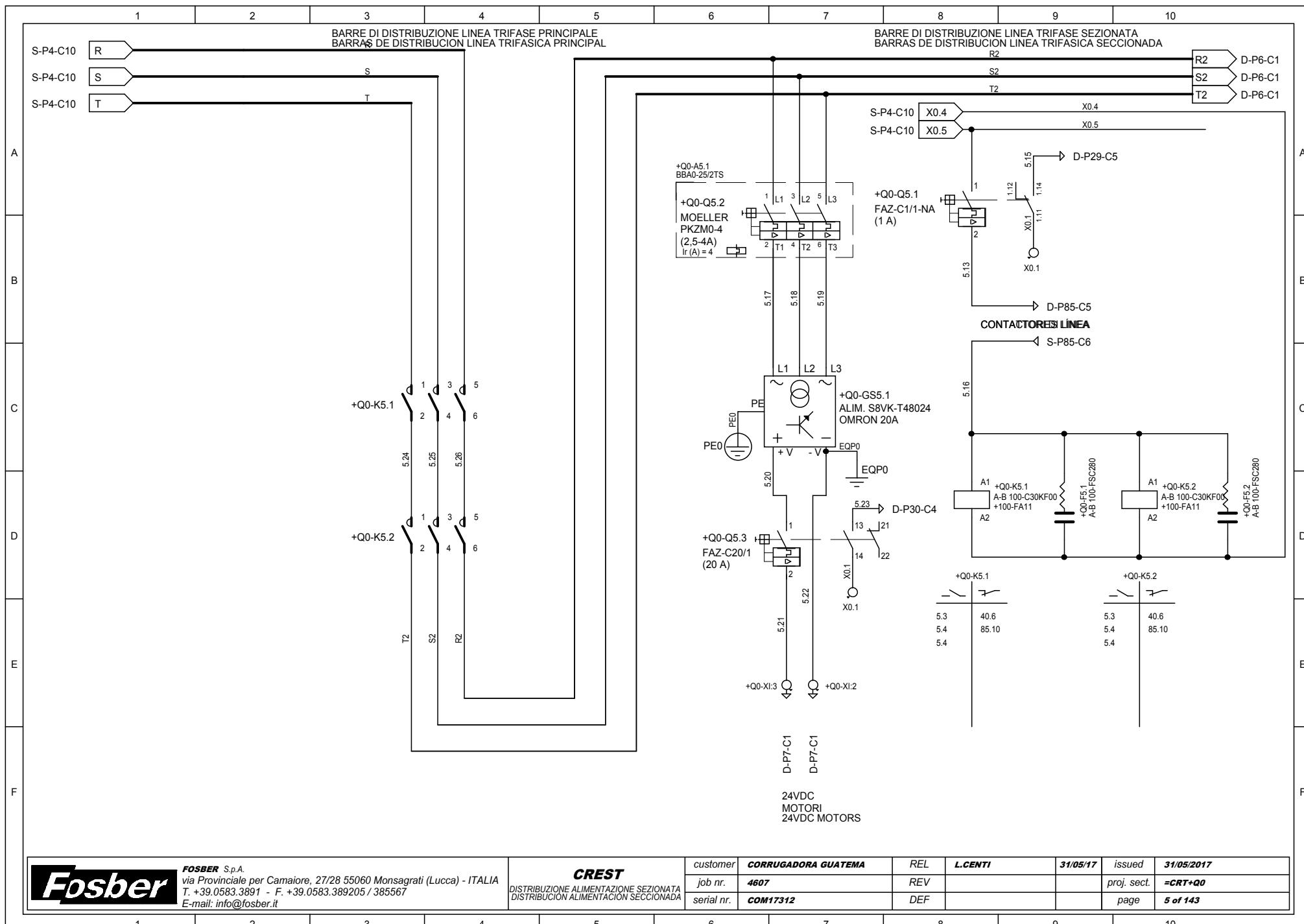
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PÁGINA DEJADA EN BLANCO

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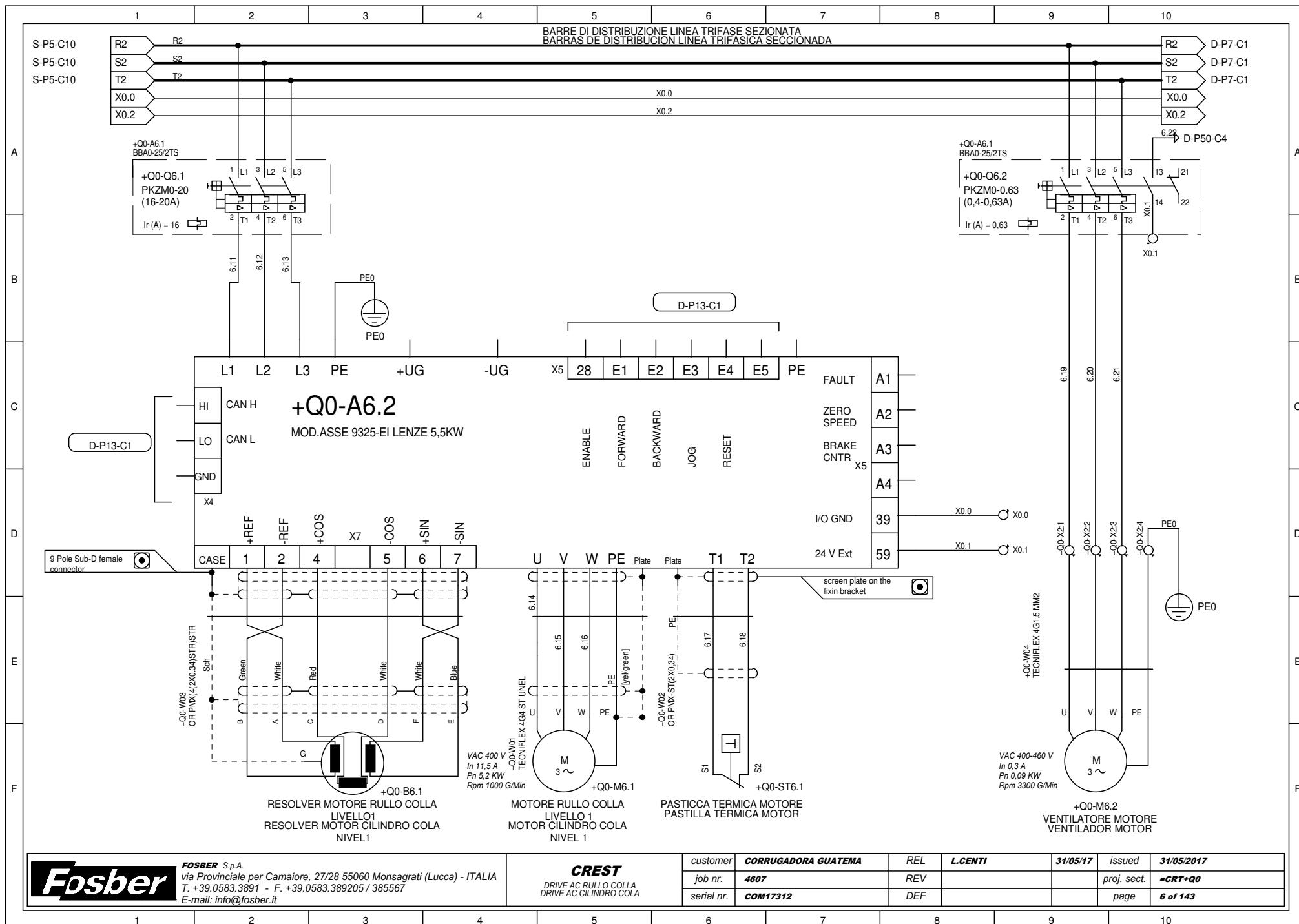


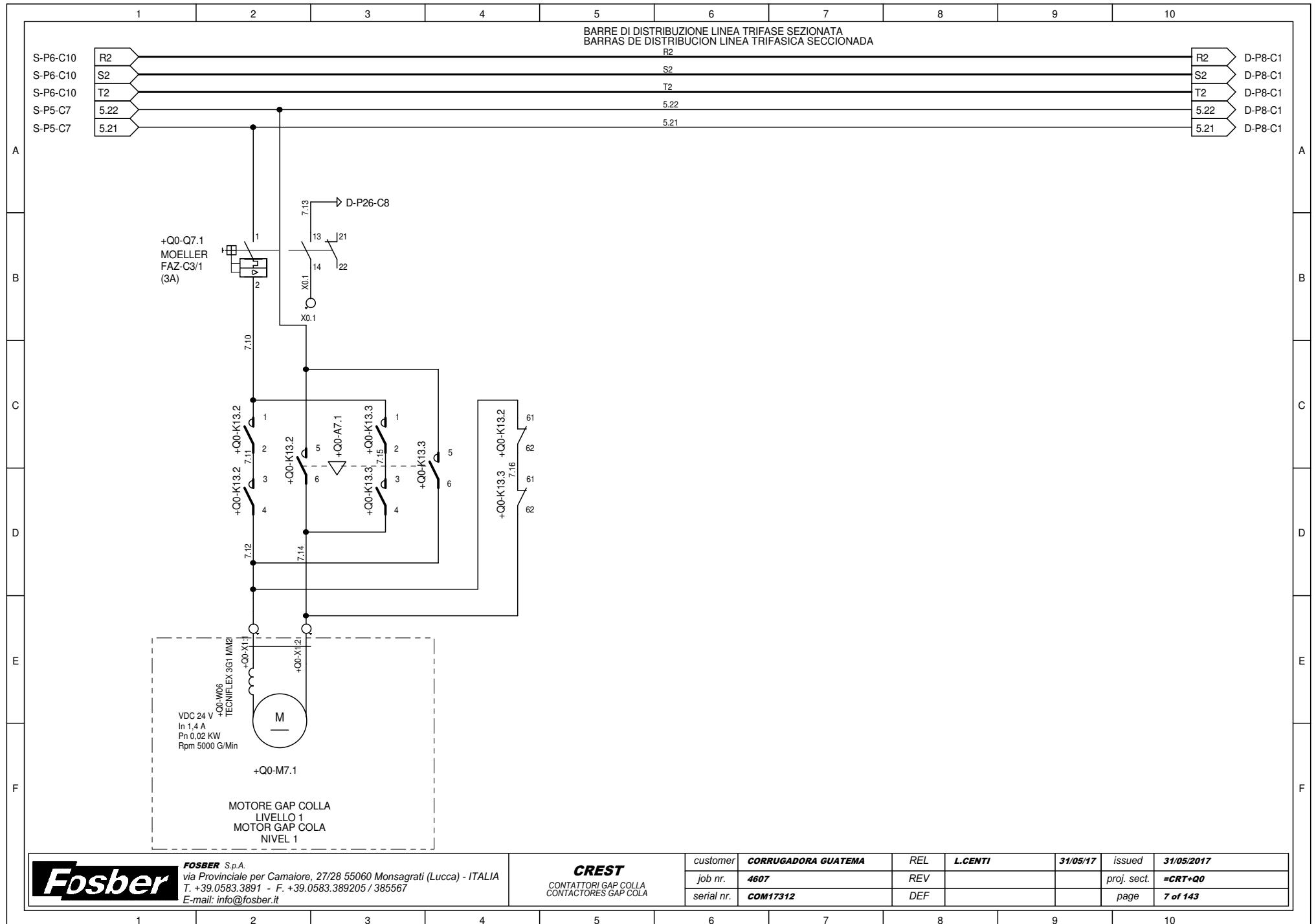
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CREST
DISTRIBUZIONE ALIMENTAZIONE SEZIONATA
DISTRIBUCION ALIMENTACION SECCIONADA

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job nr.	4607	REV			proj. sect.	=CRT+Q0
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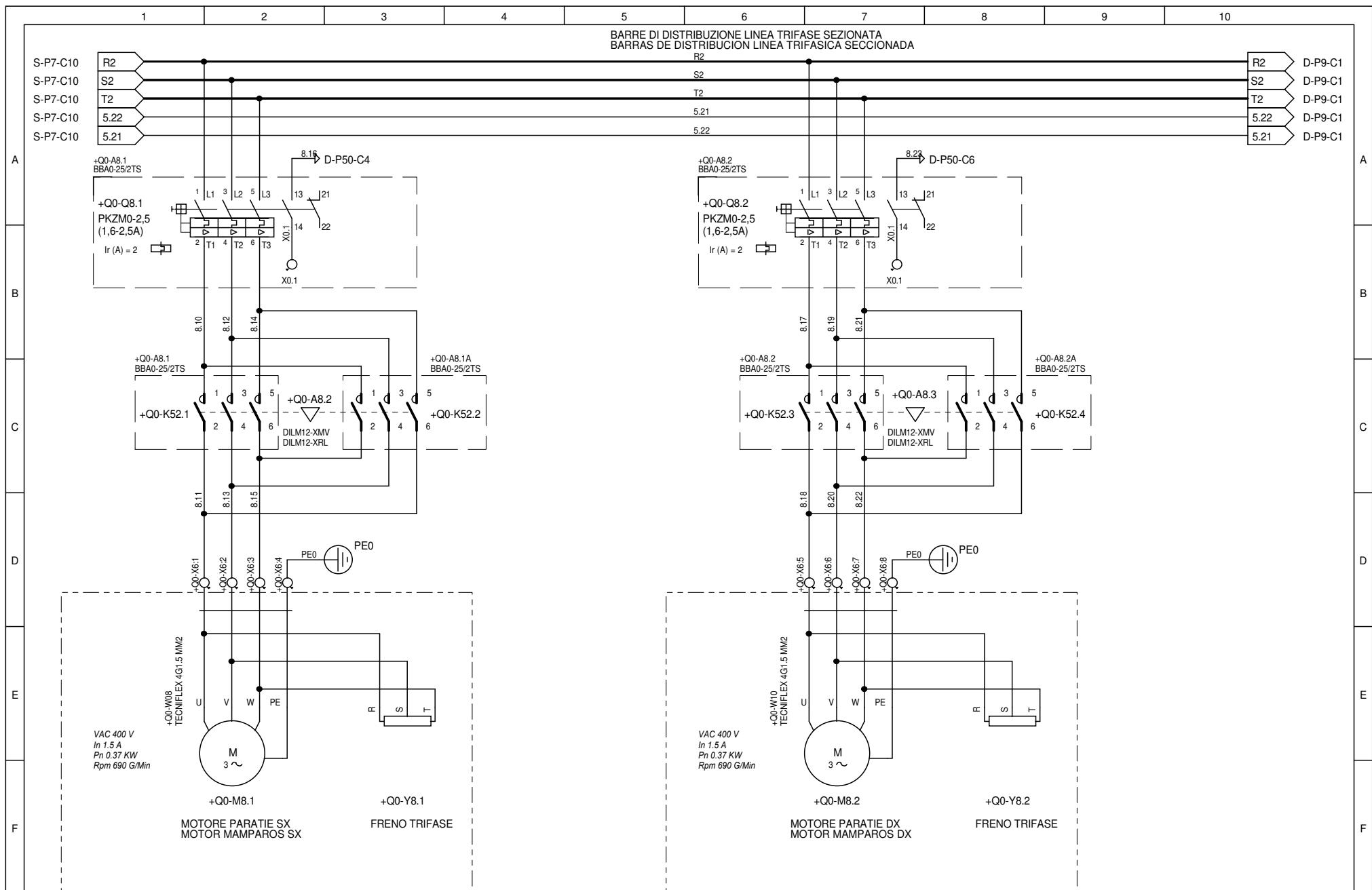


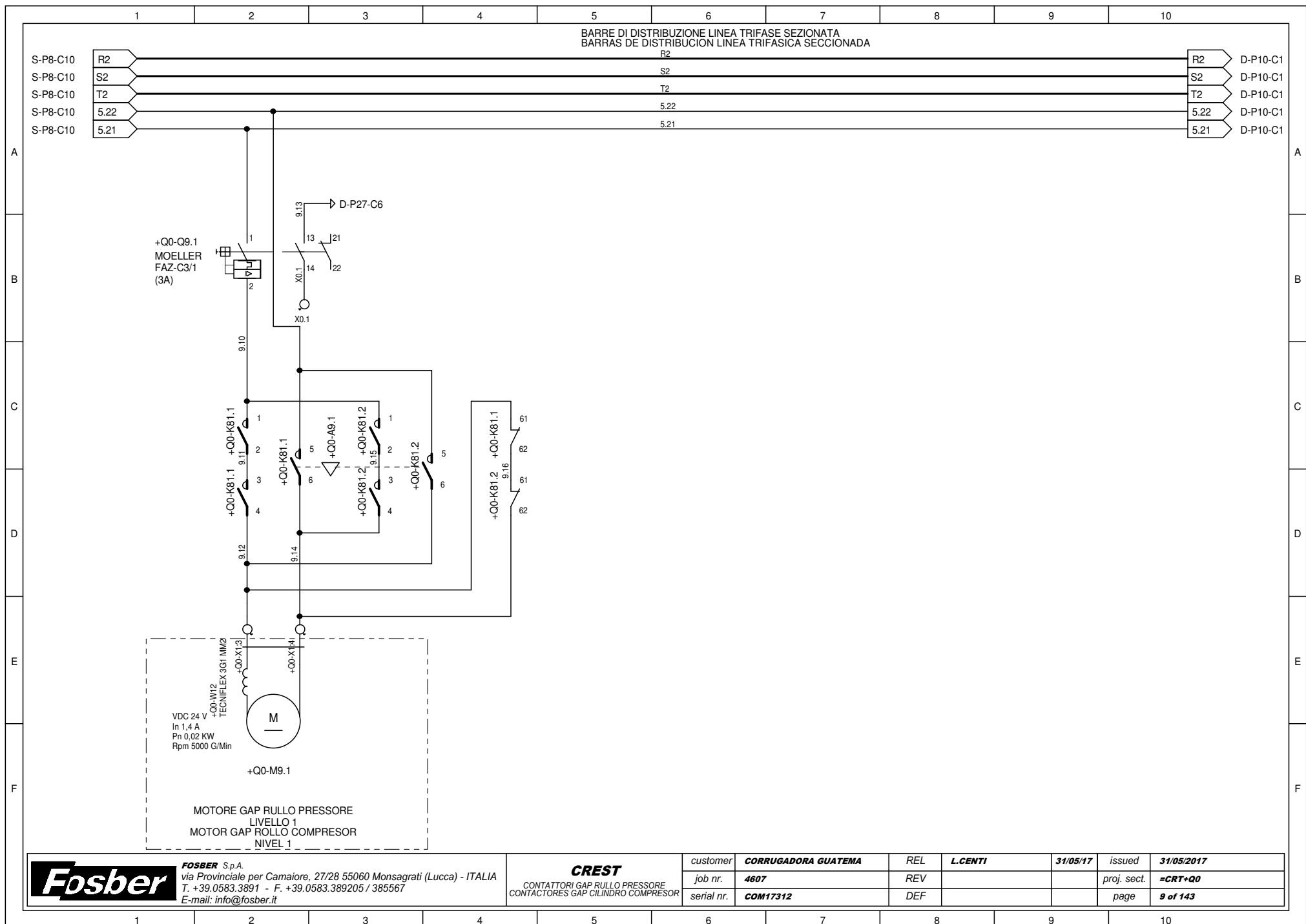
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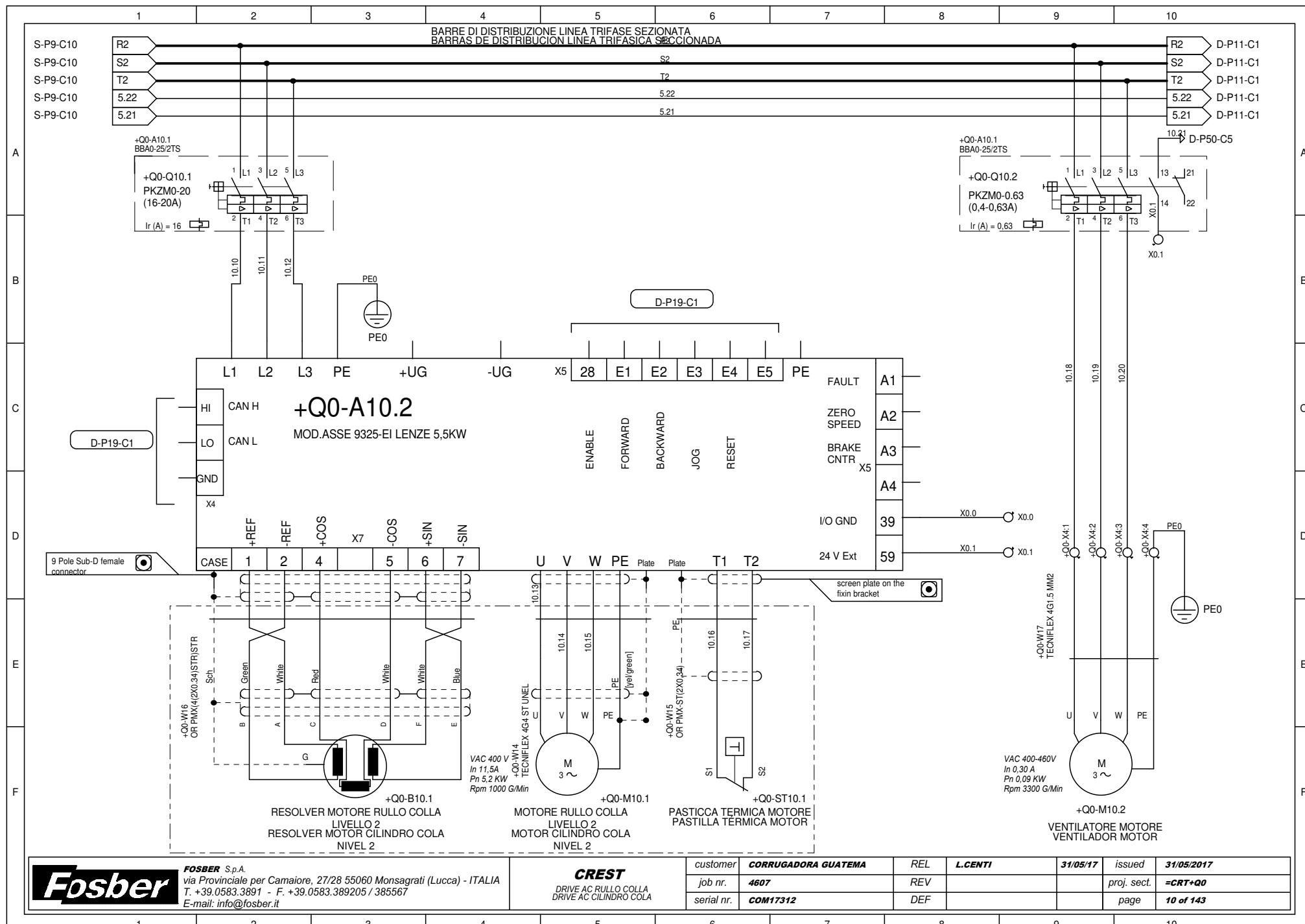
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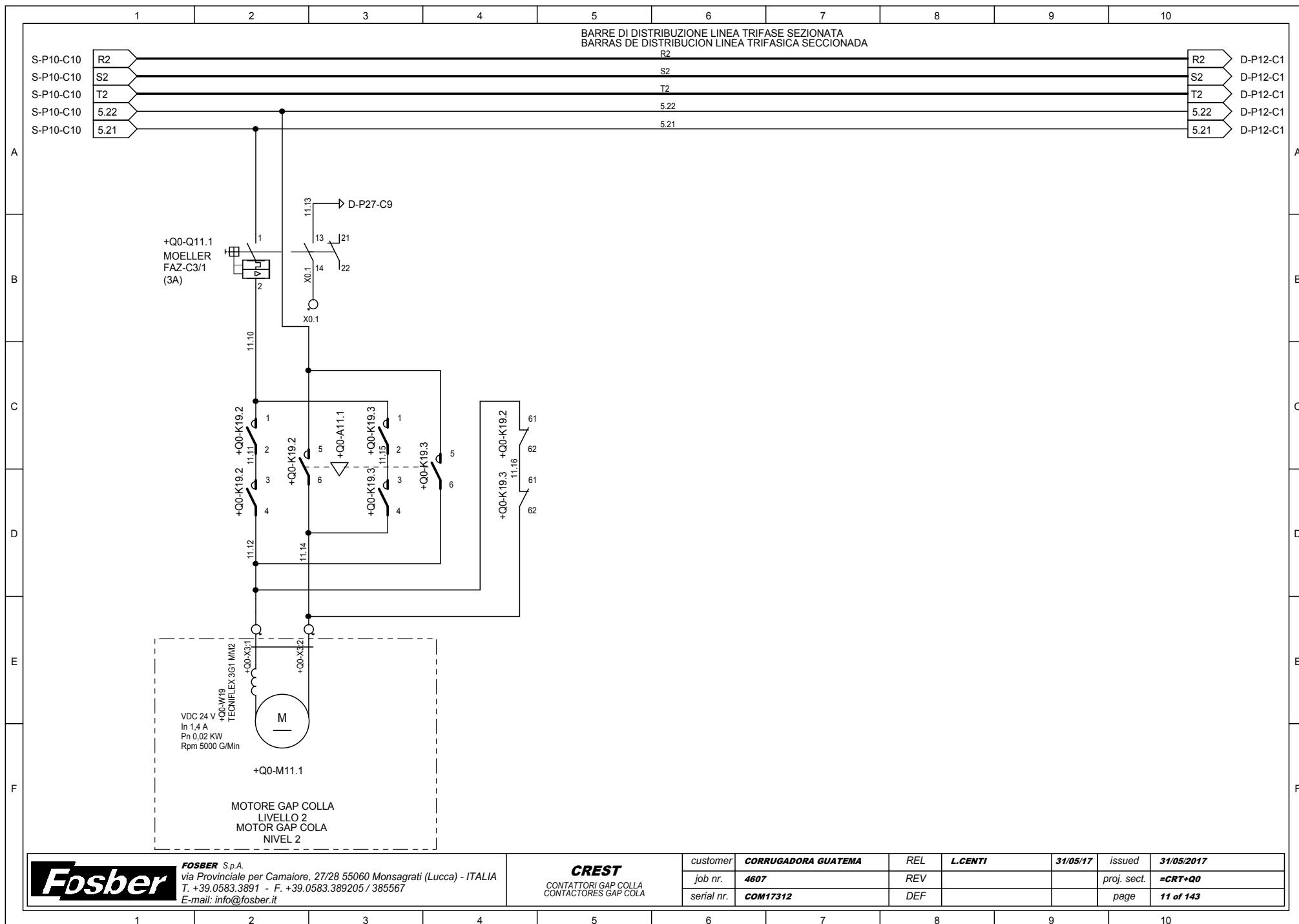
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CONTACTORES GAP COLA

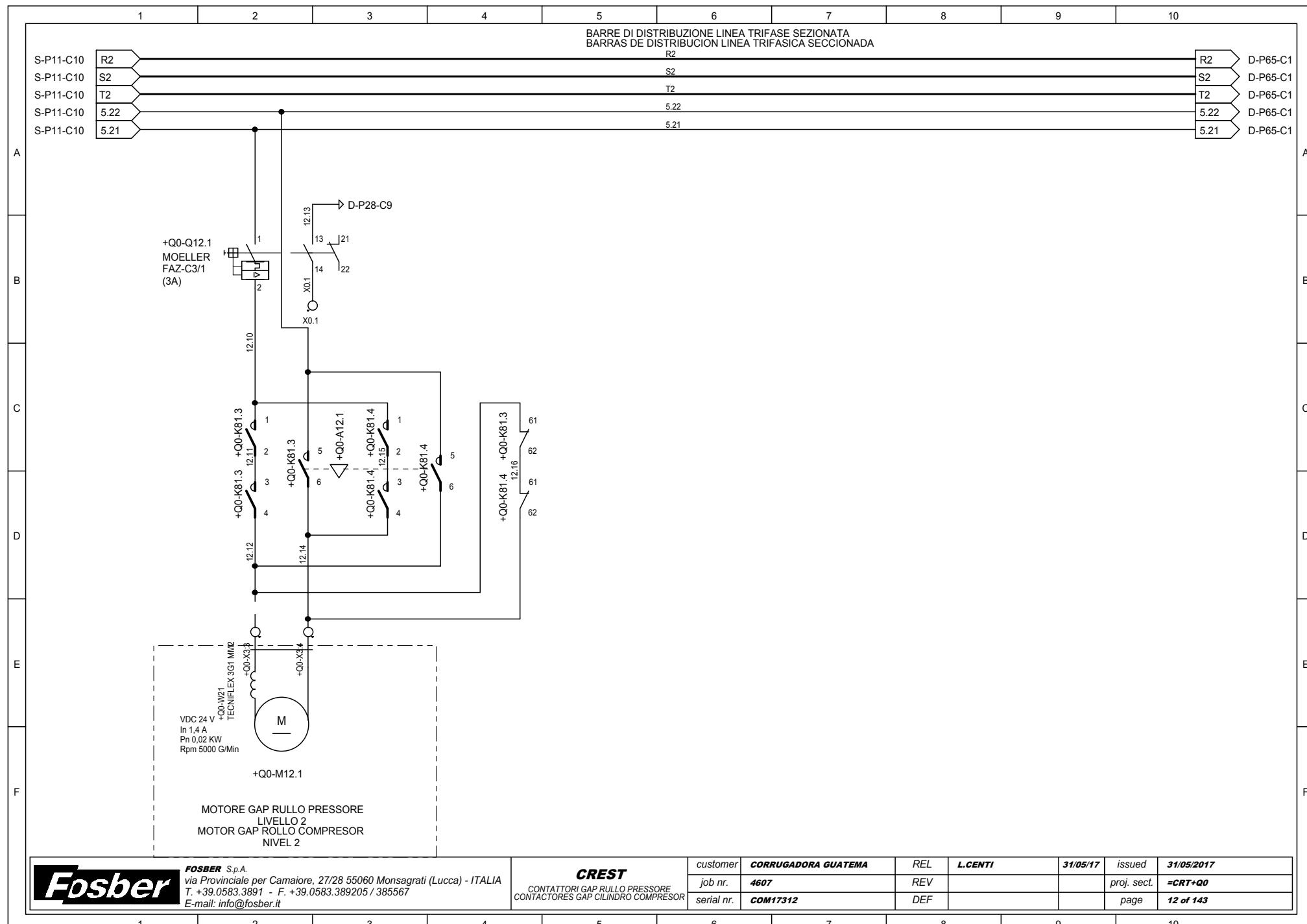
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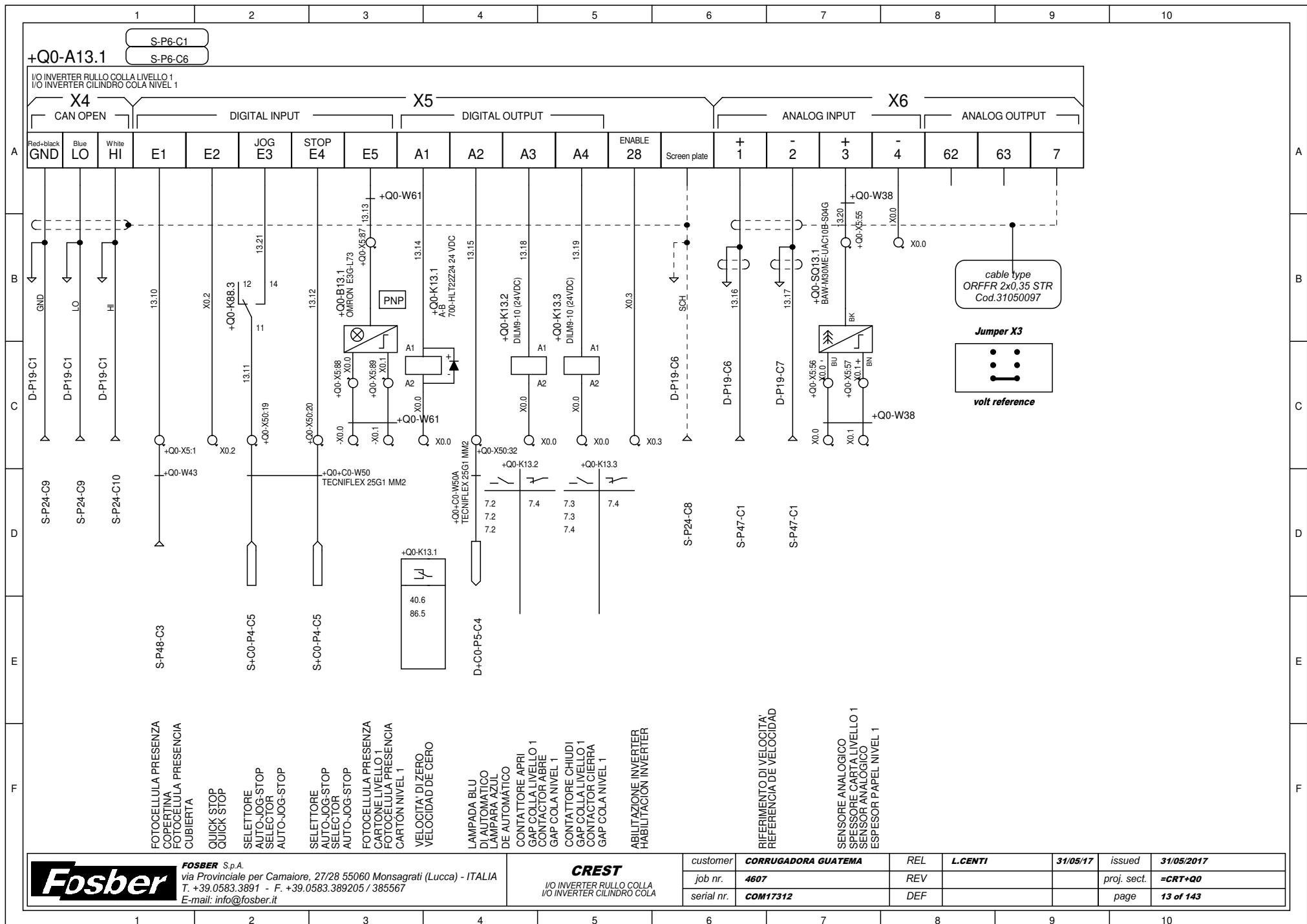












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PAGINA LASCIATA VUOTA
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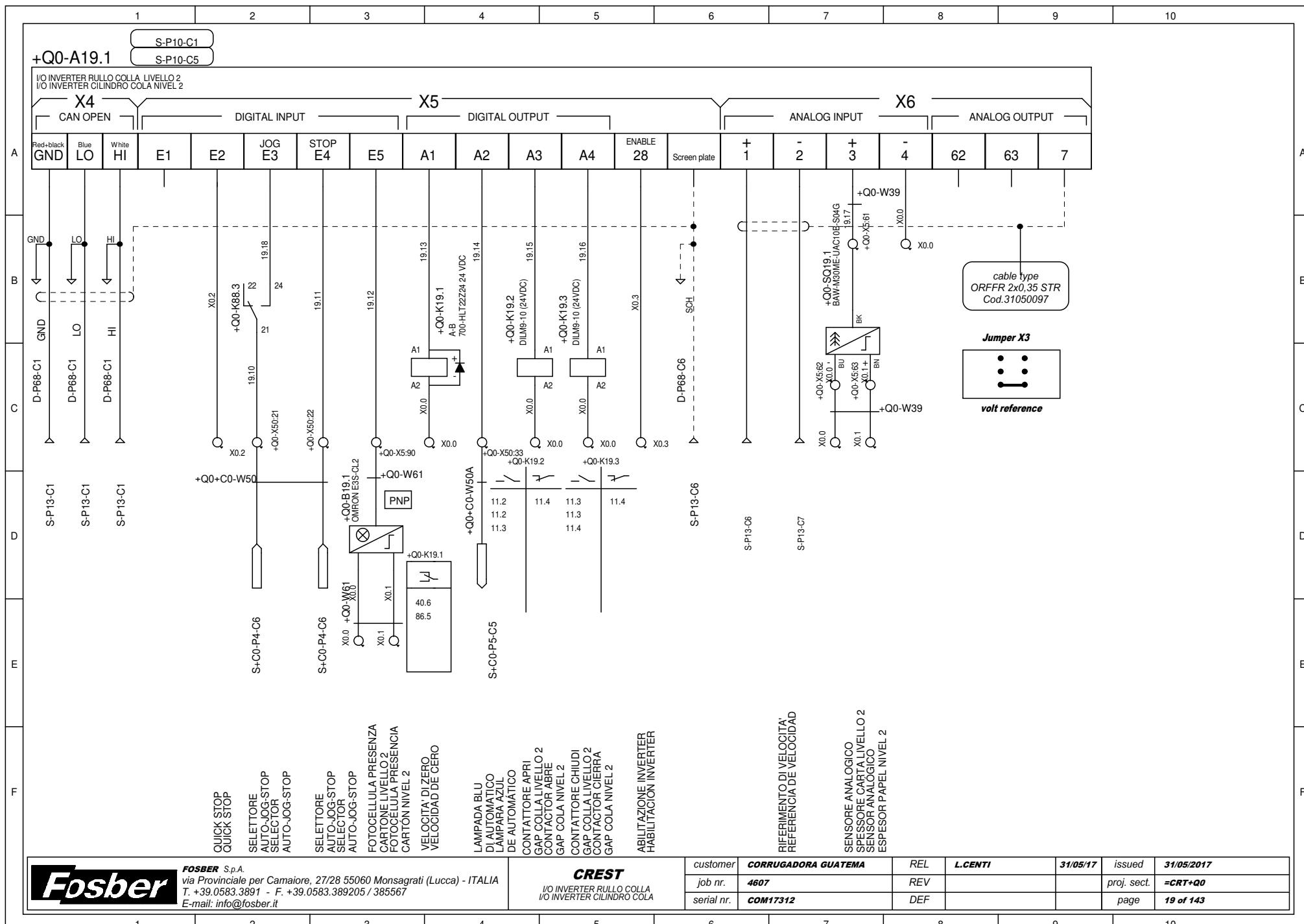


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CREST
I/O INVERTER RULLO COLLA
I/O INVERTER CILINDRO COLA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
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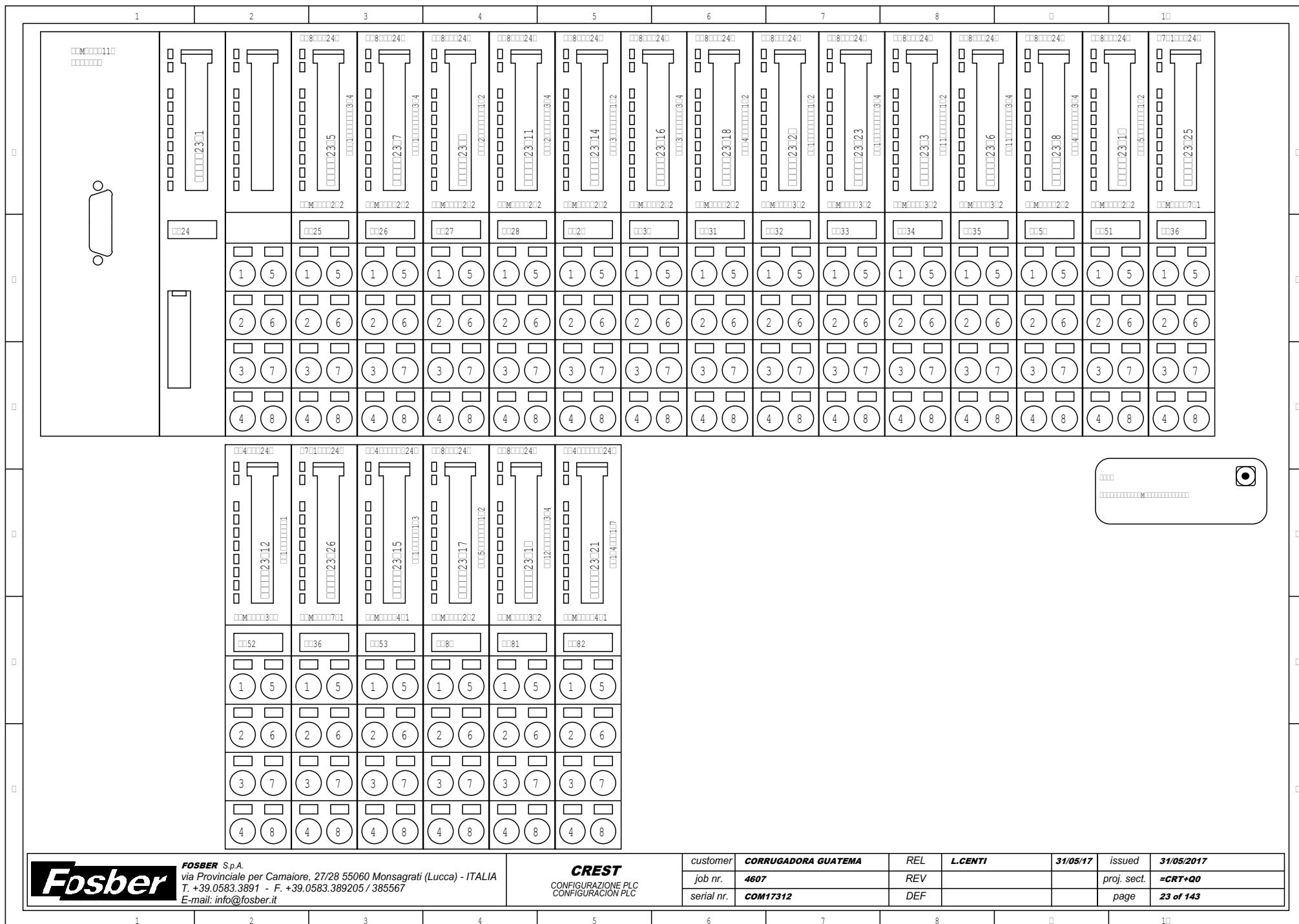


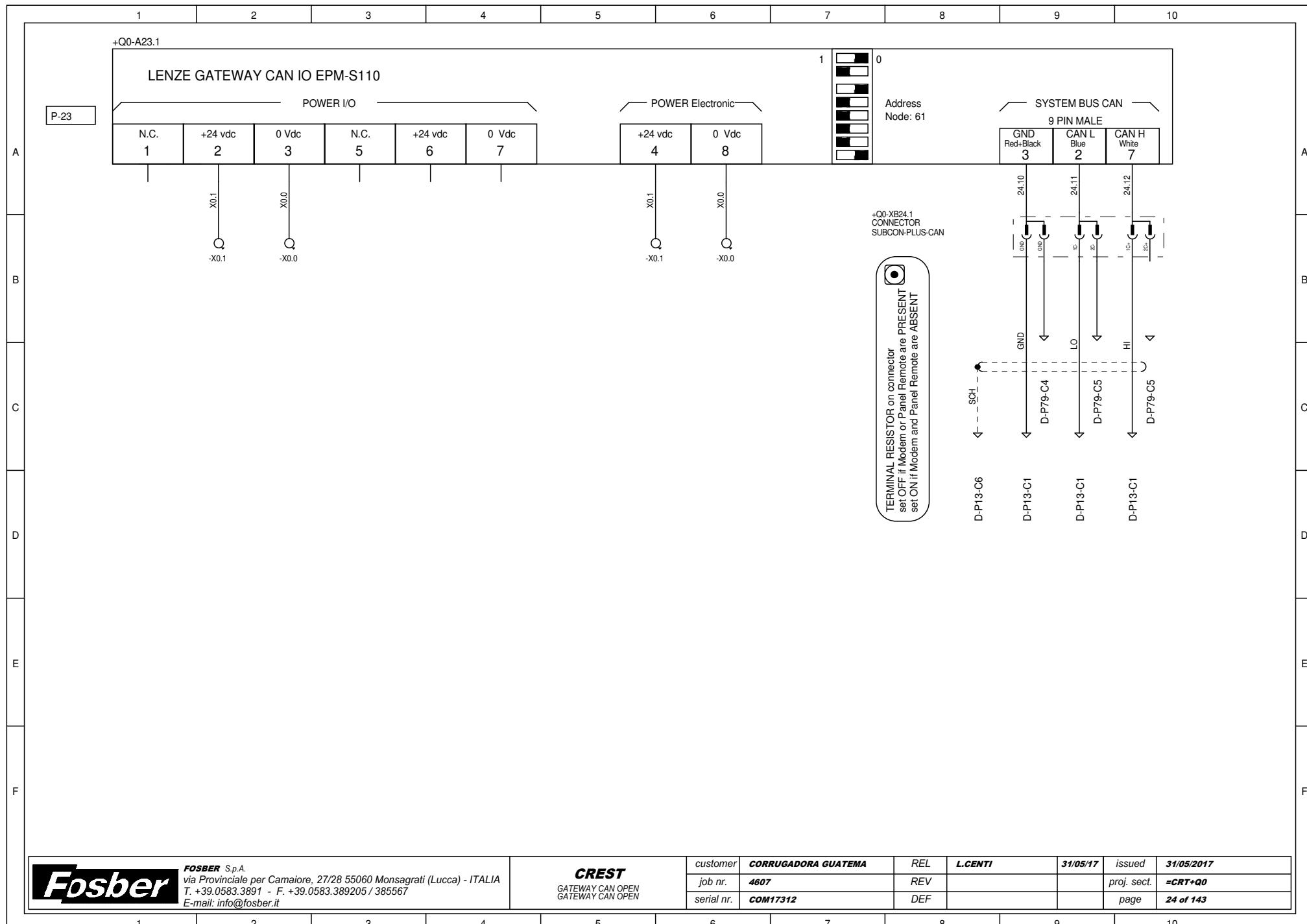
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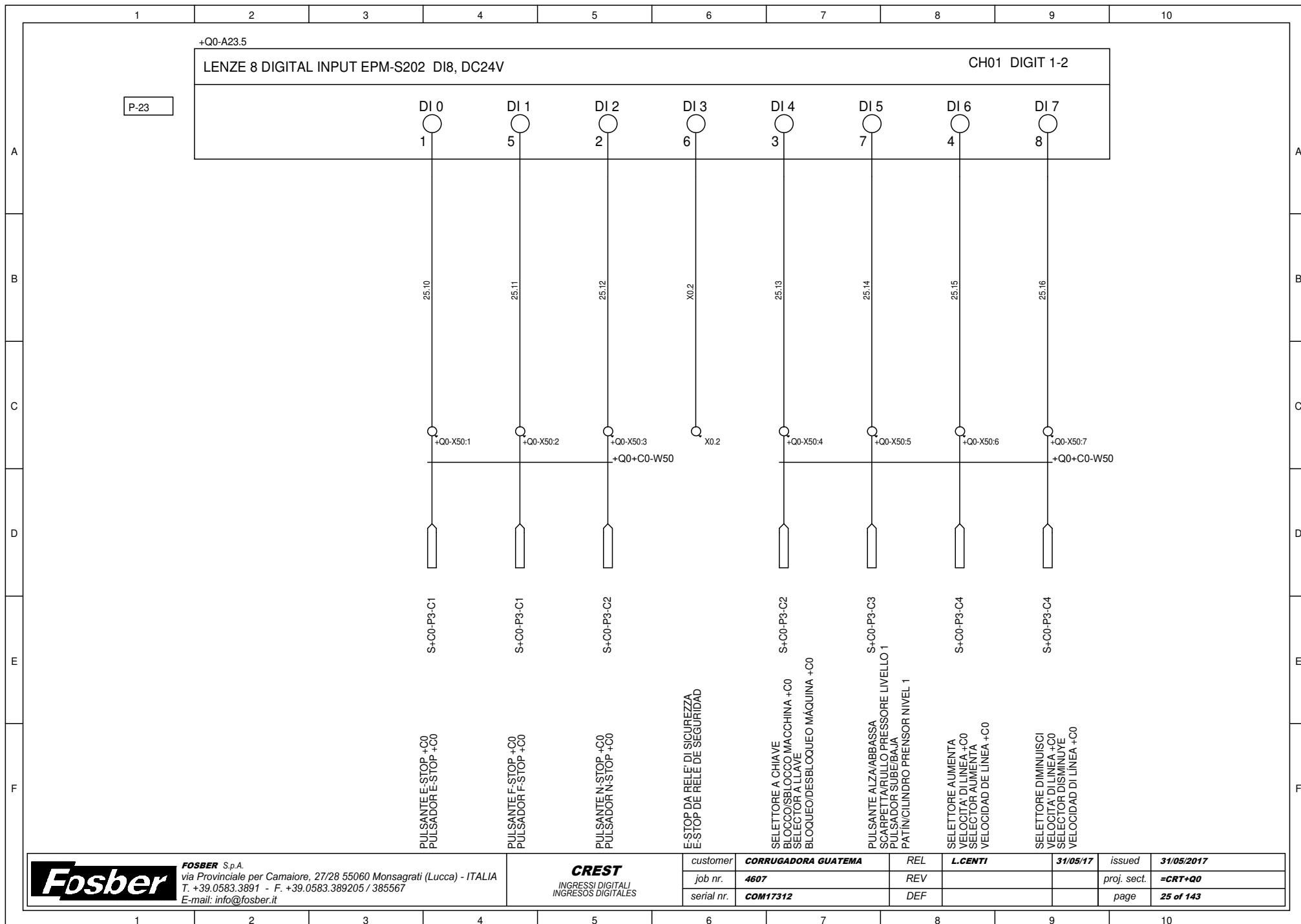


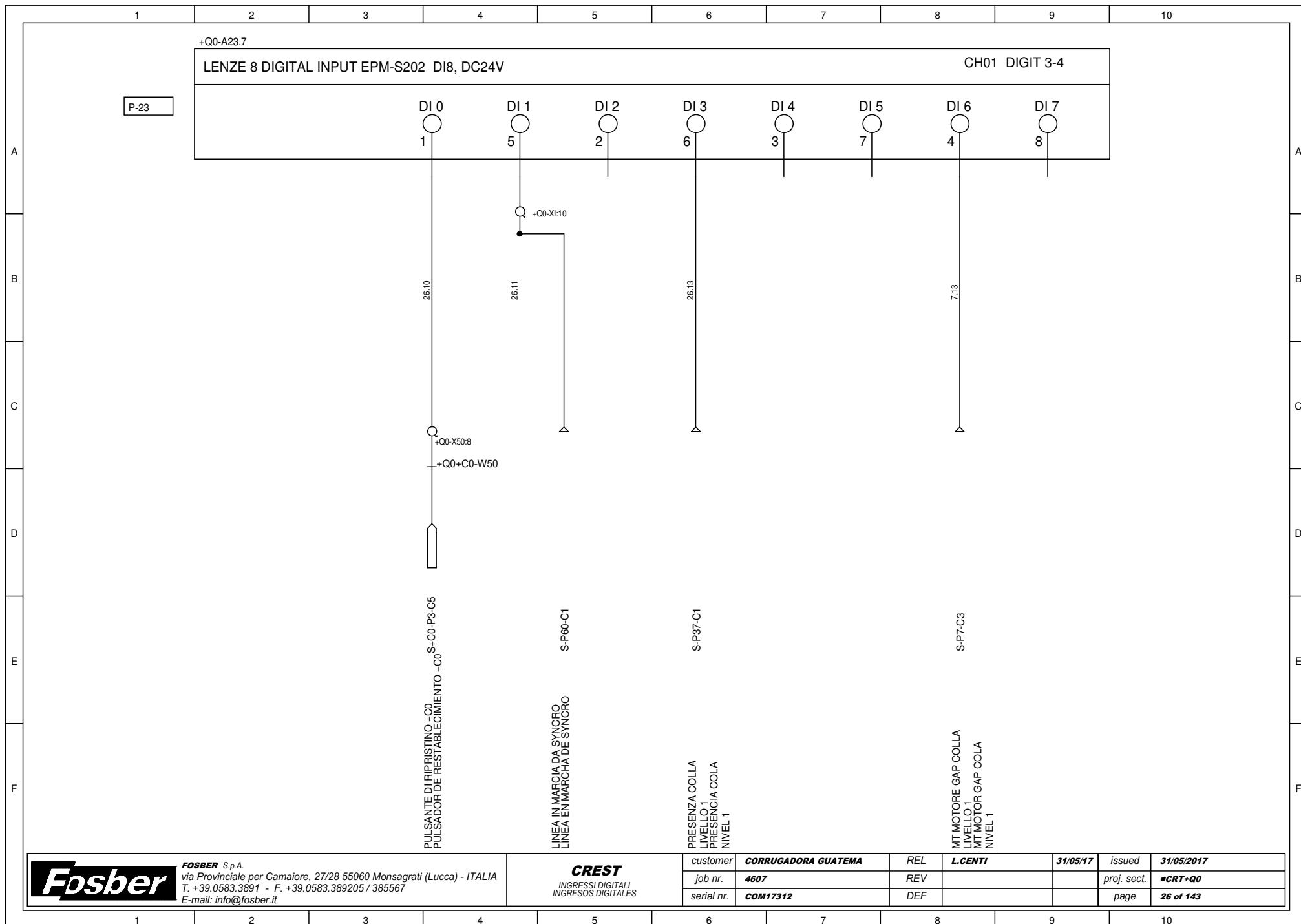
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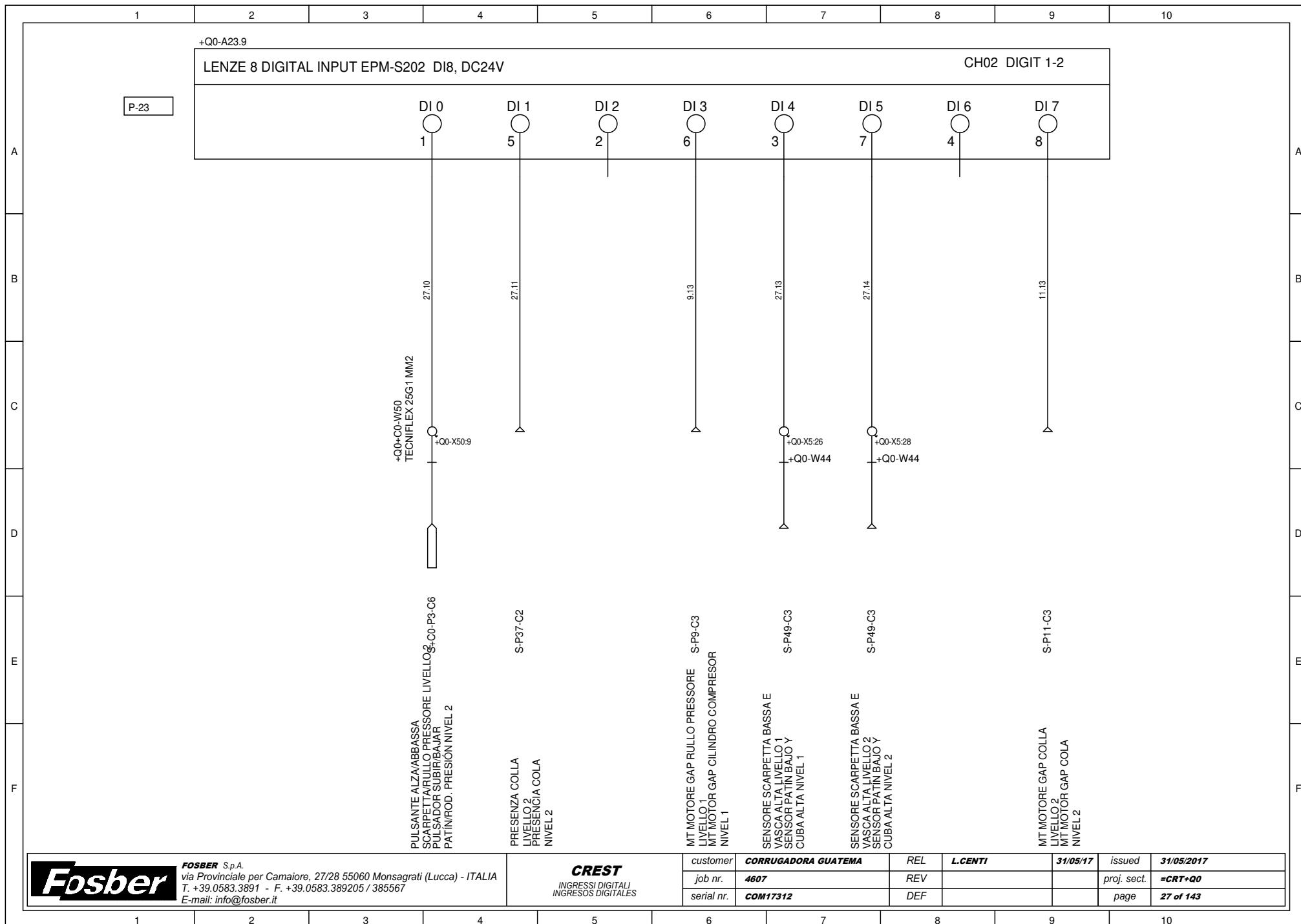
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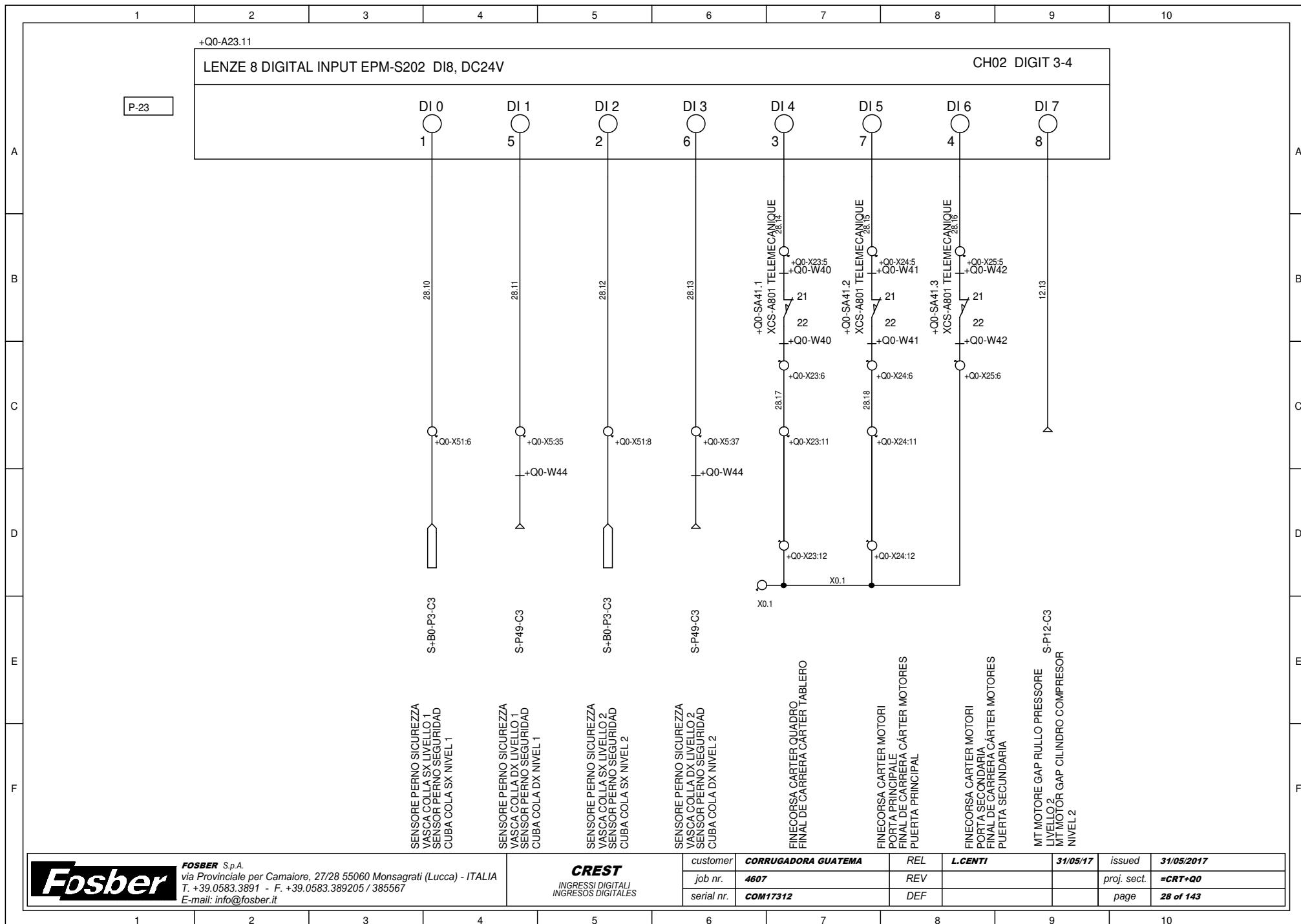
CREST
GATEWAY CAN OPEN
GATEWAY CAN OPEN

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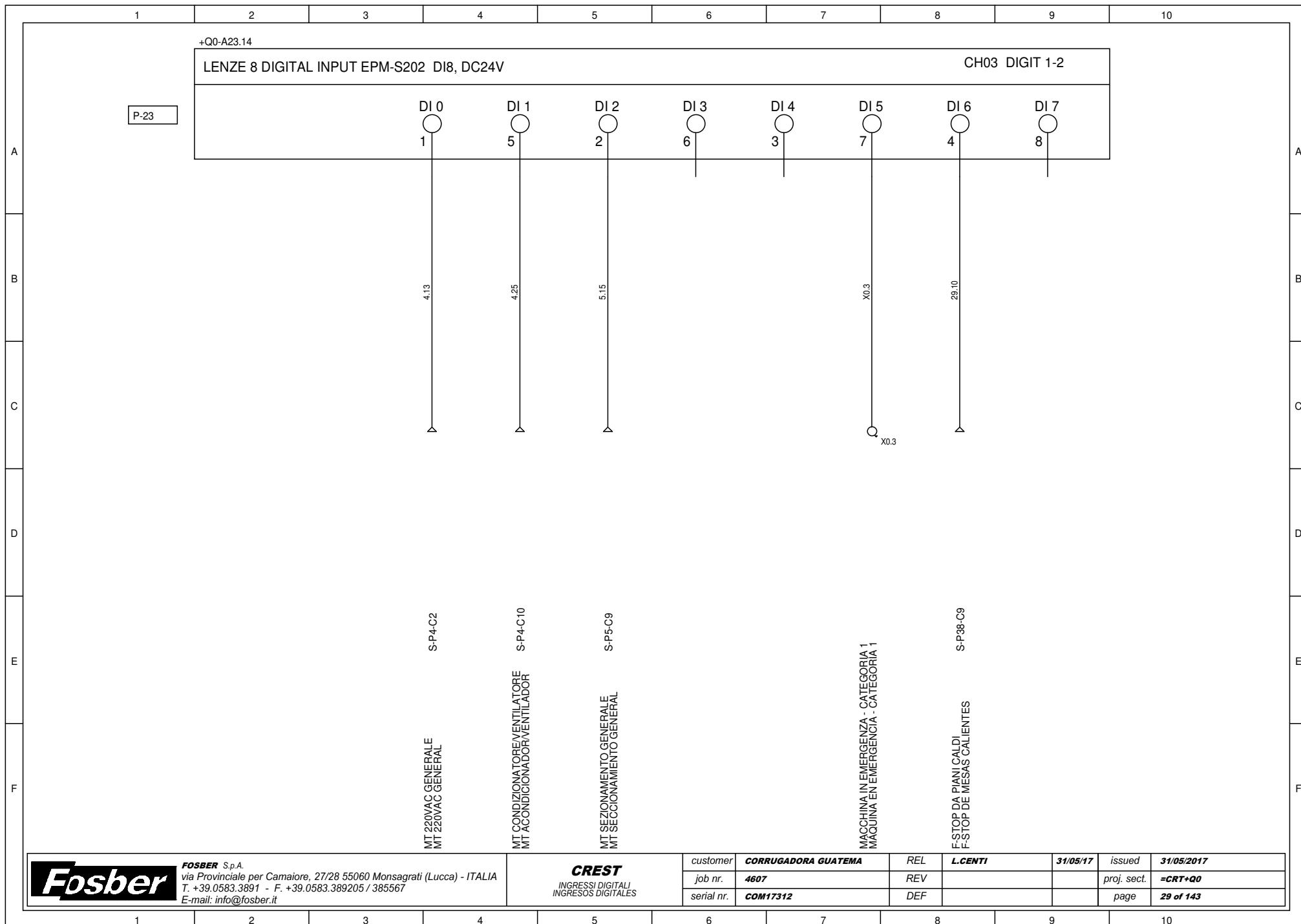


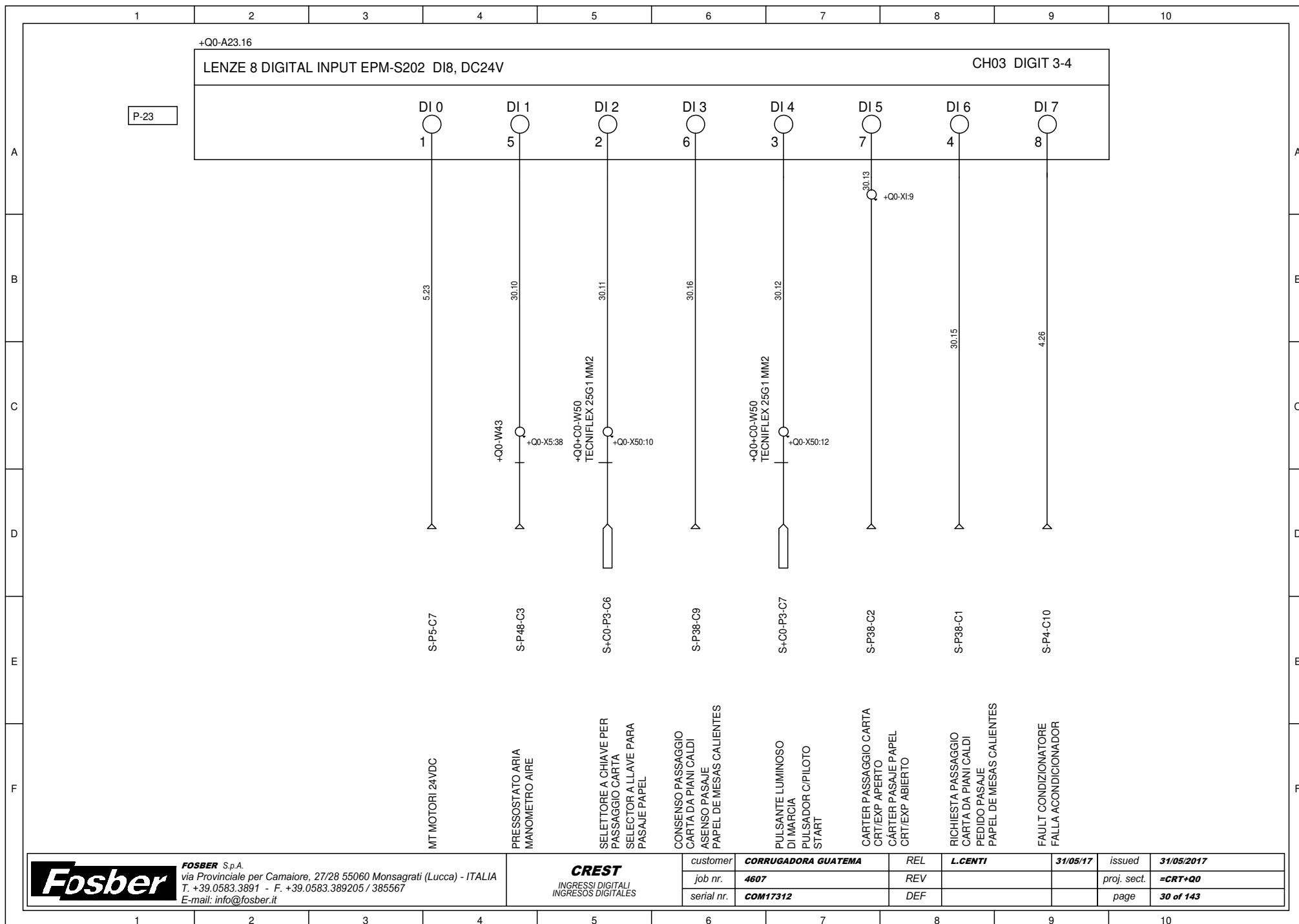
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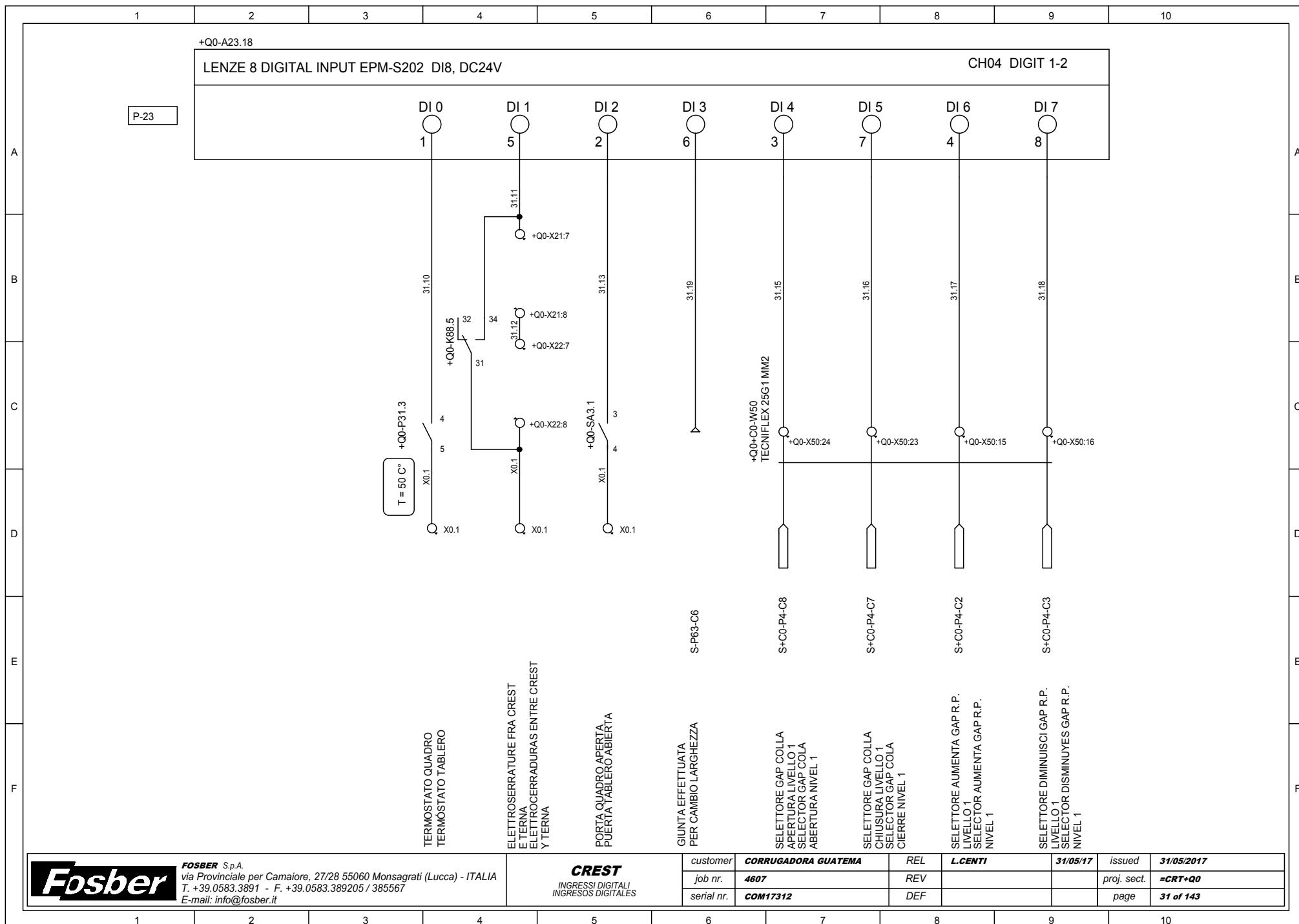
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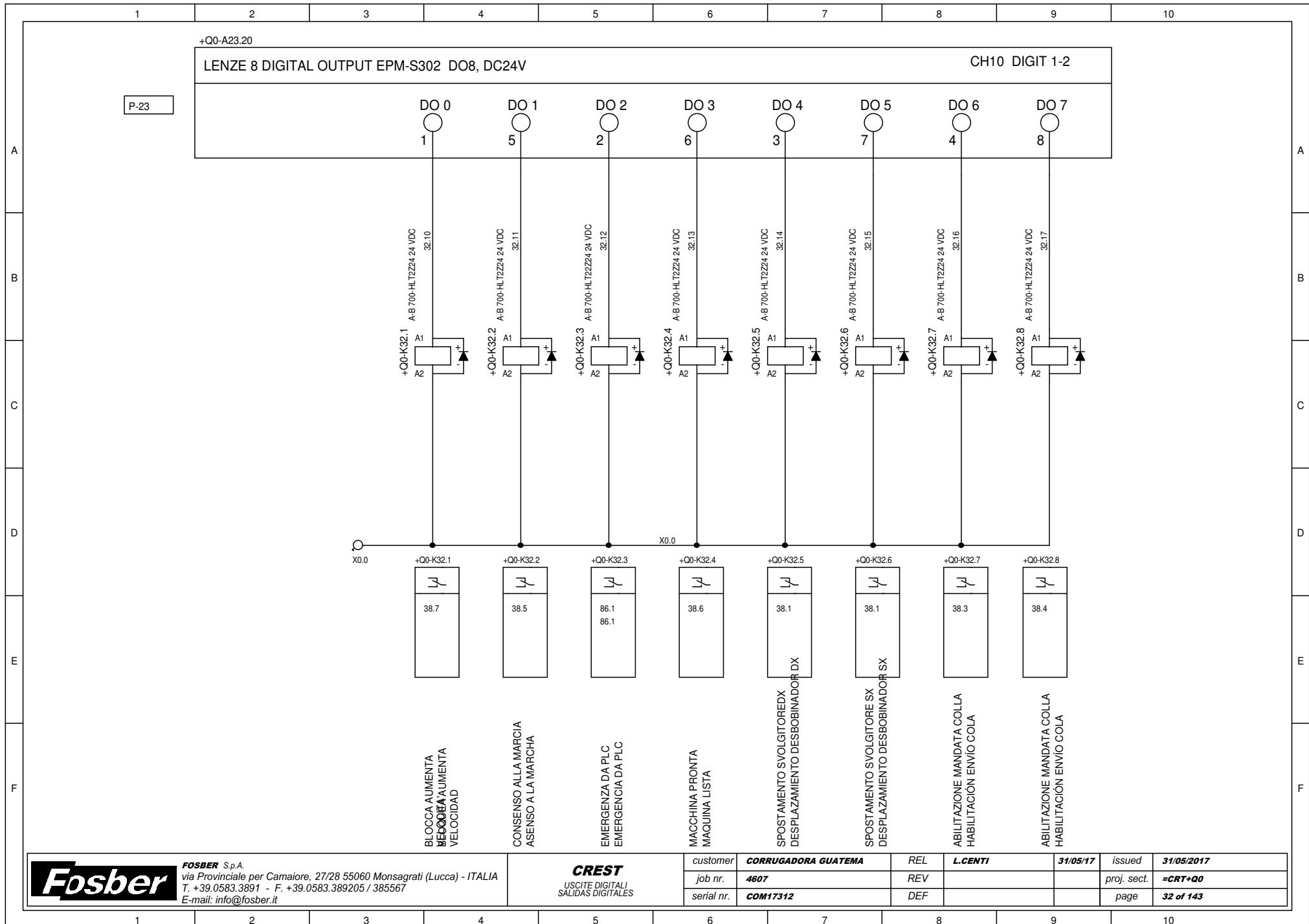
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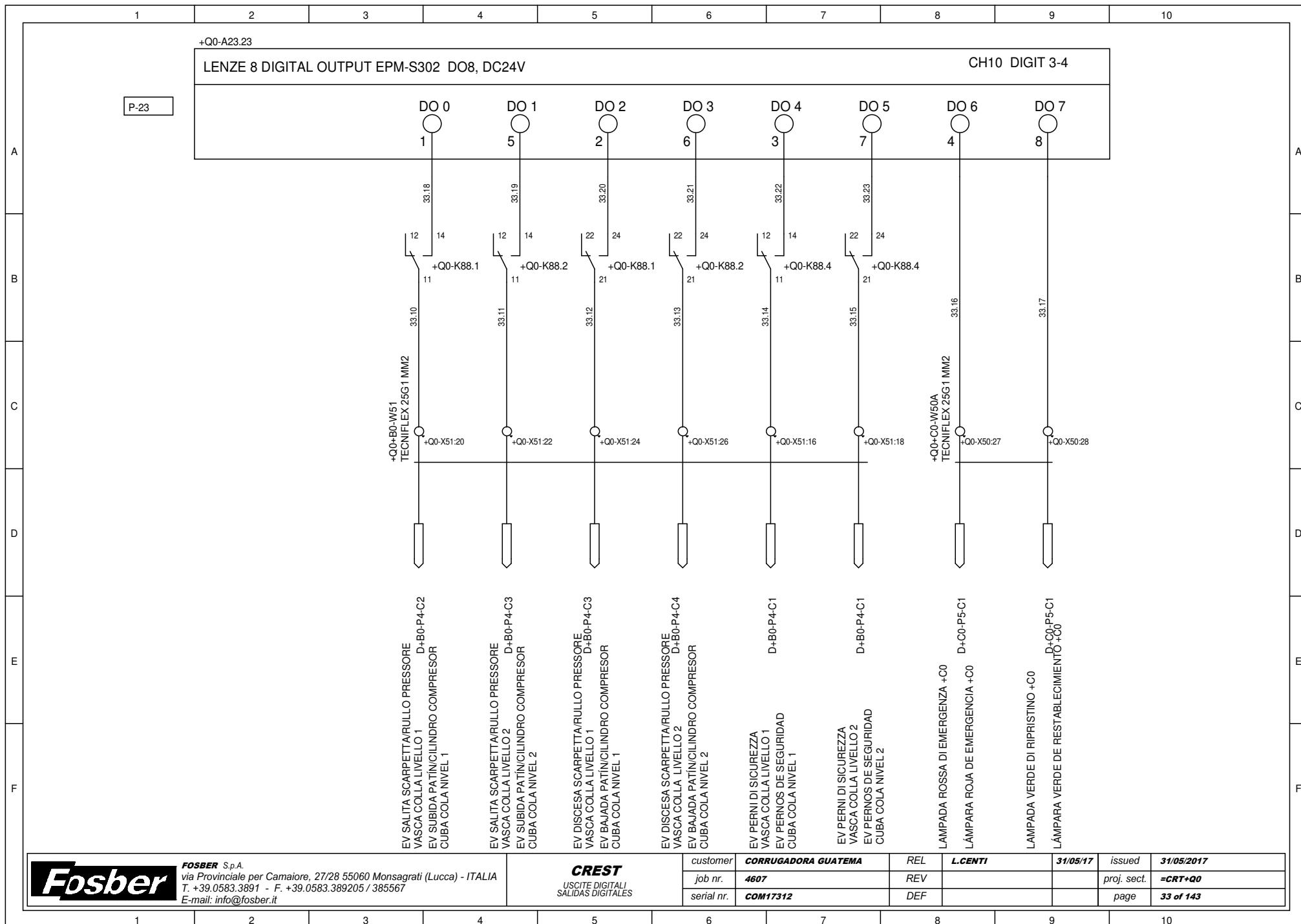


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CREST
USCITE DIGITALI
SALIDAS DIGITALES

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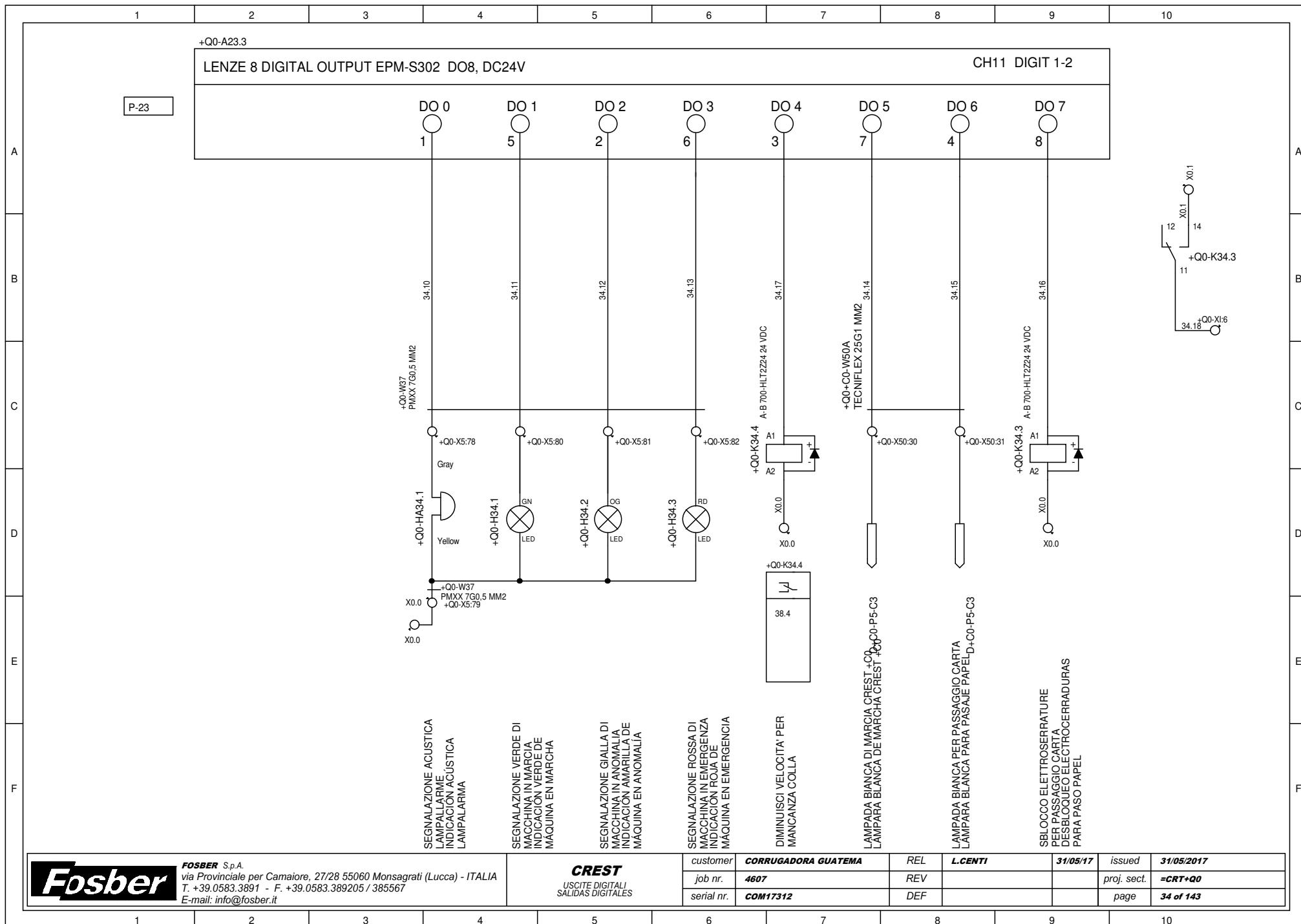


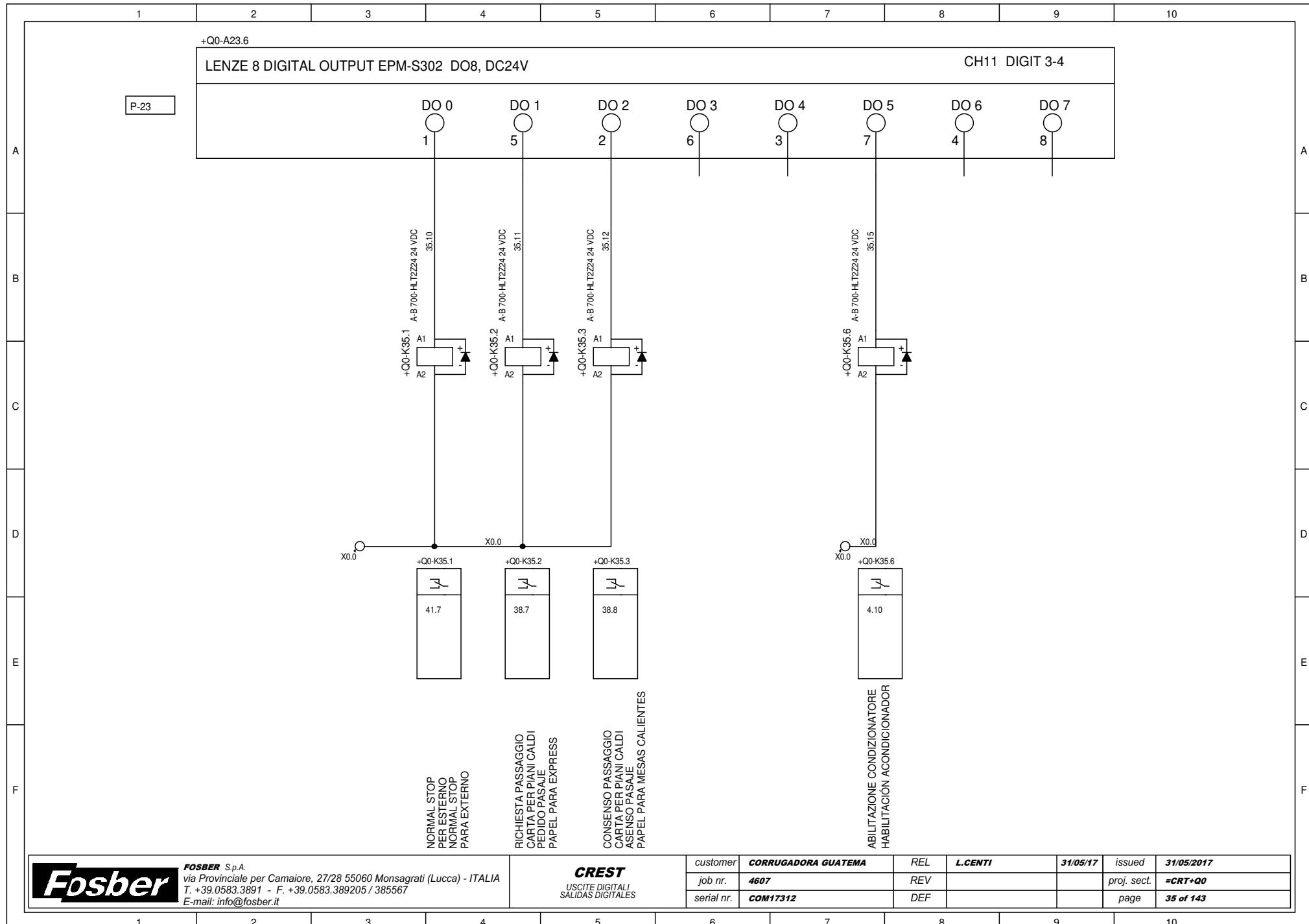
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CREST
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SALIDAS DIGITALES

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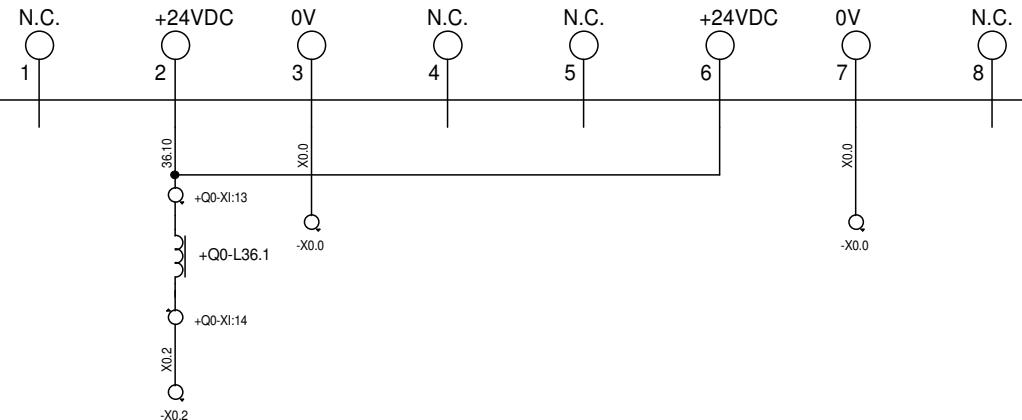




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LENZE EPM-S701 POWER DC 24V



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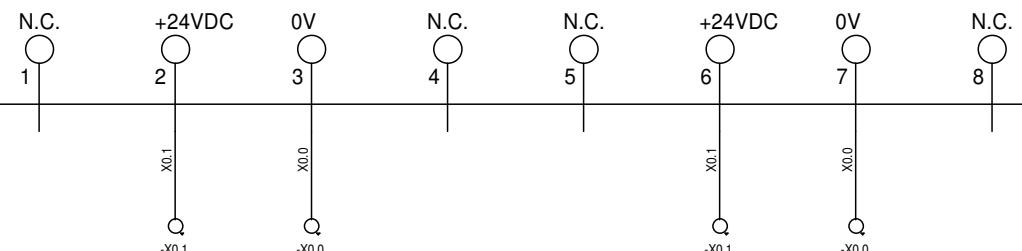
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LENZE EPM-S701 POWER DC 24V

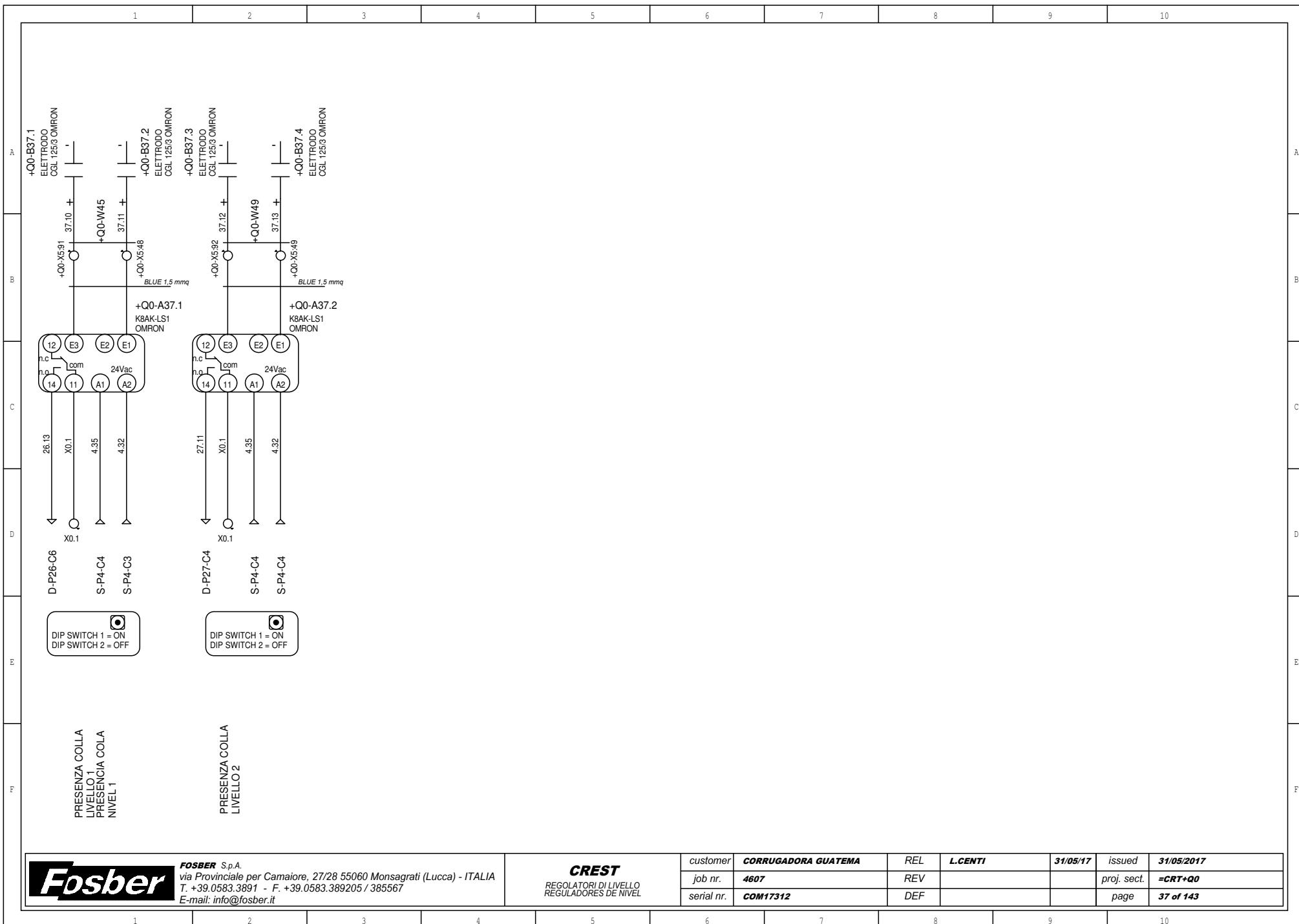
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CREST
ALIMENTATORE MODULU I/O
ALIMENTADOR MÓDULOS I/O

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
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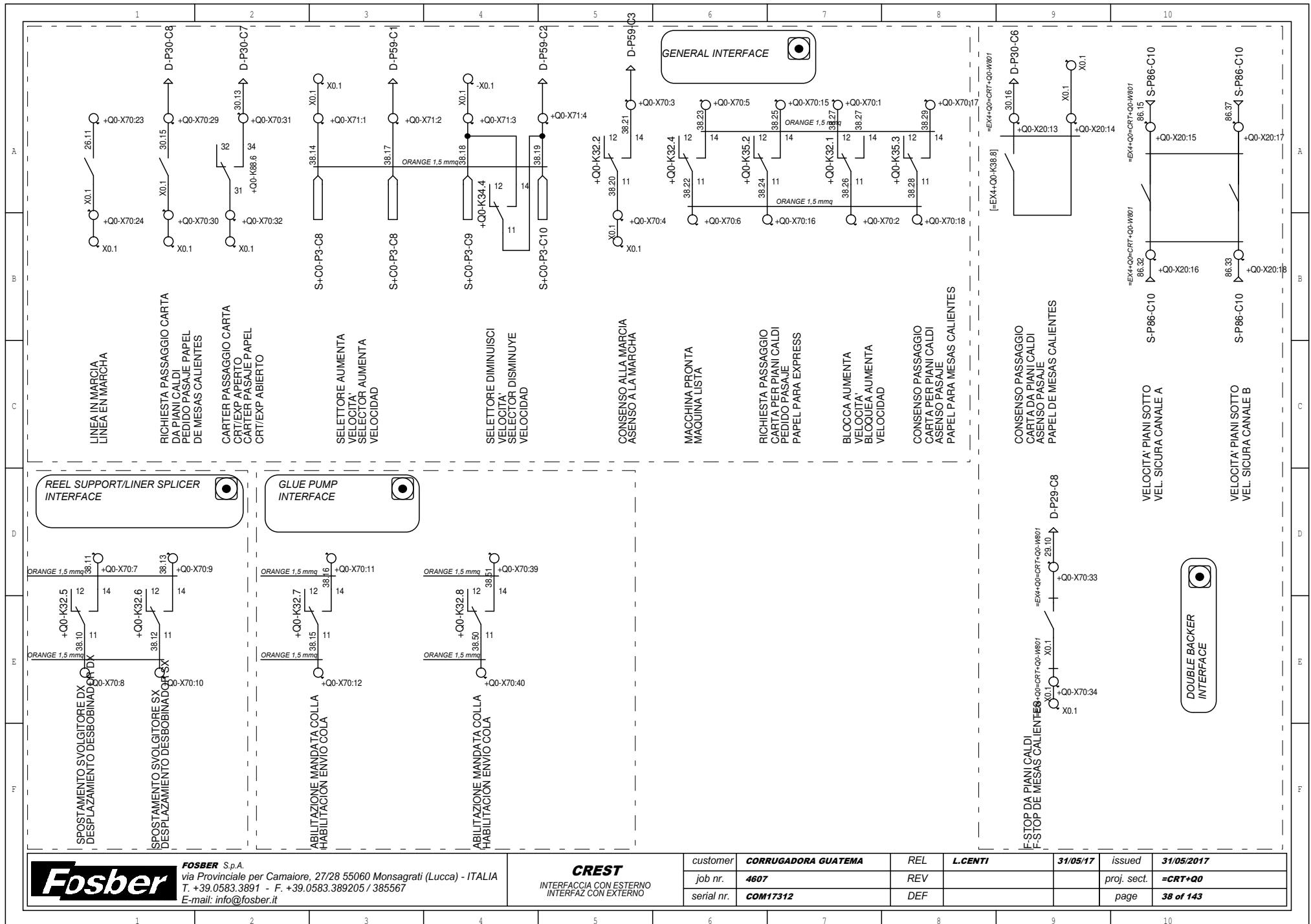


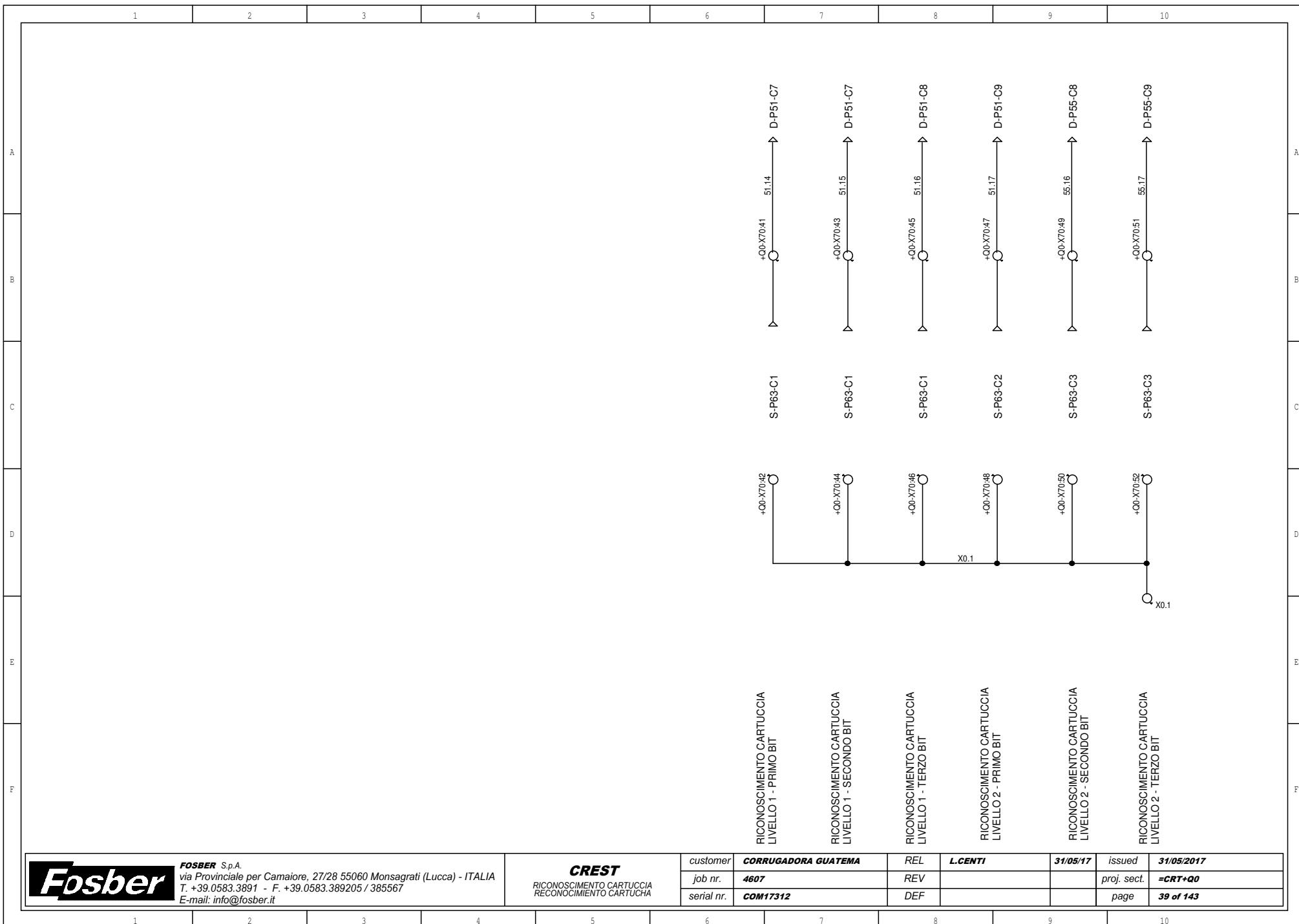
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CREST
REGOLATORI DI LIVELLO
REGULADORES DE NIVEL

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	37 of 143



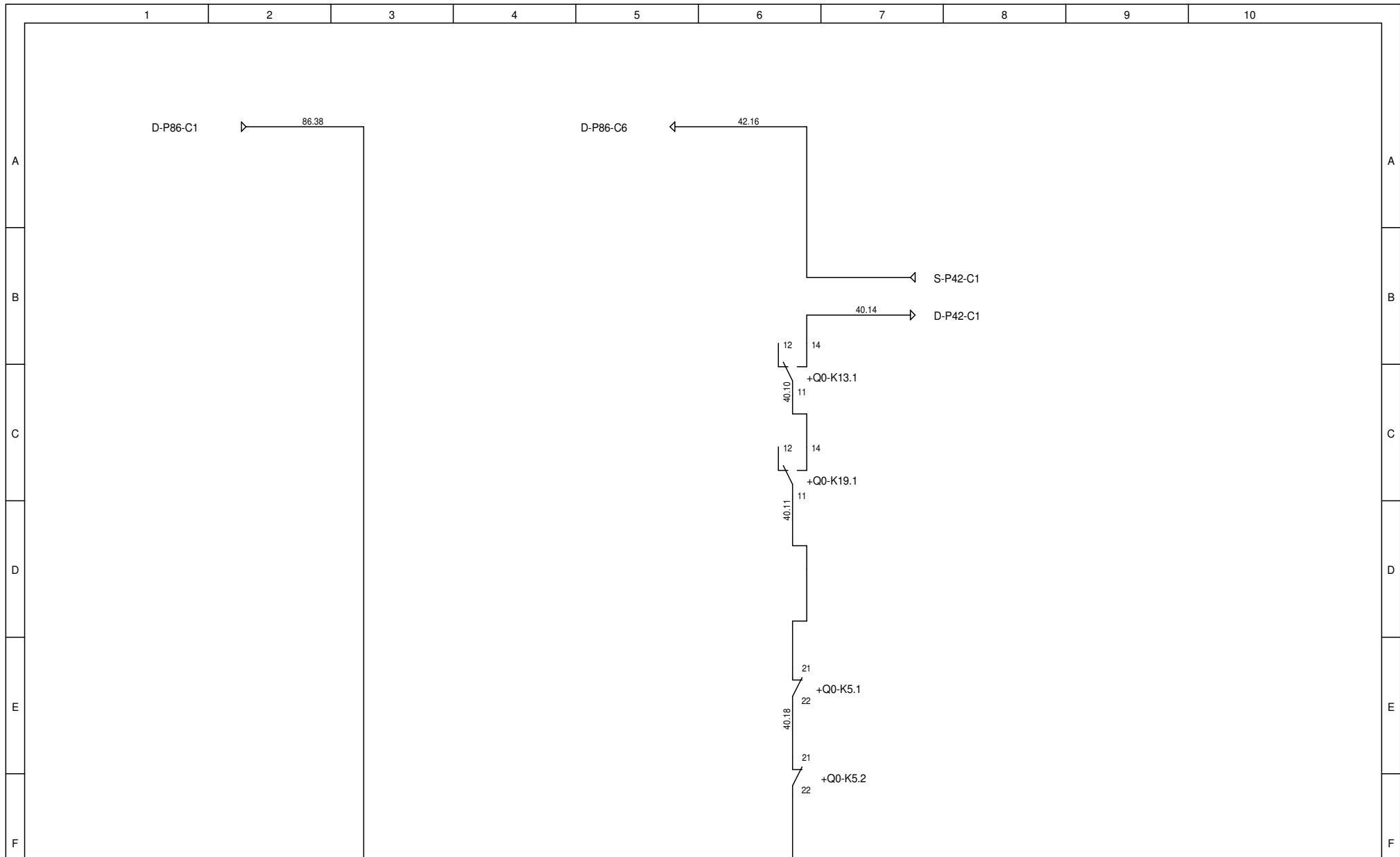


Fosber

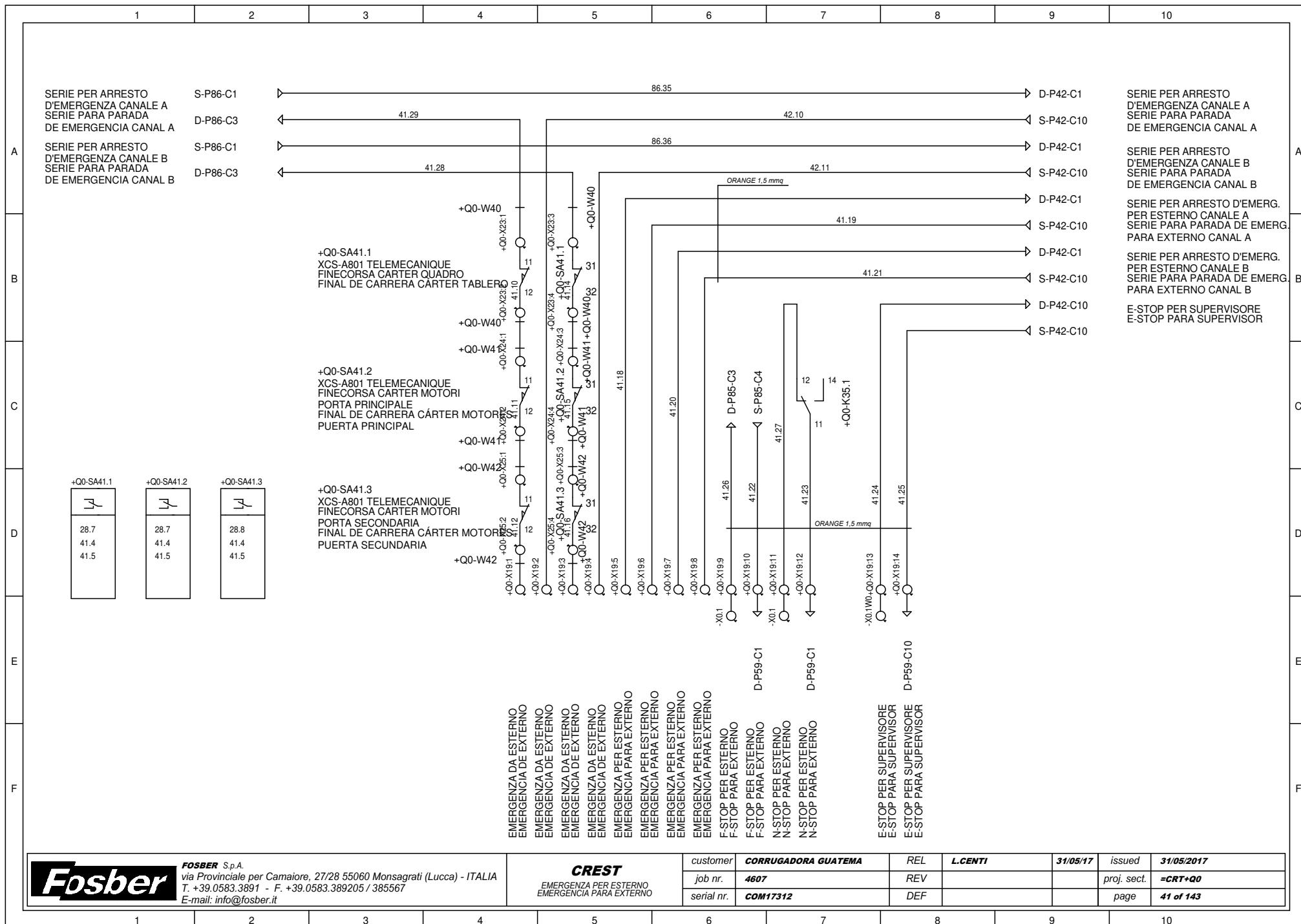
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E-mail: info@fosber.it

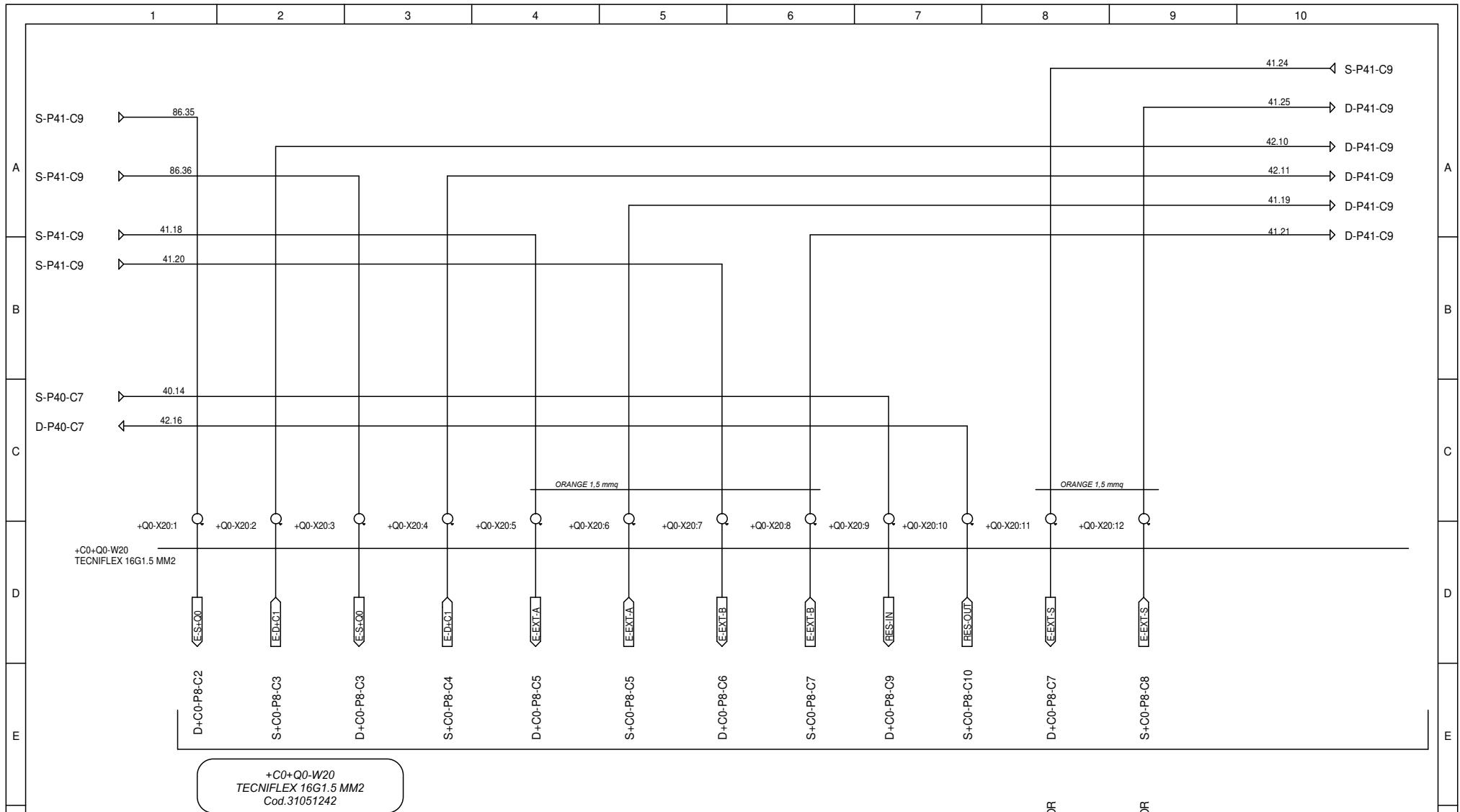
CREST
RICONOSCIMENTO CARTUCCIA
RECONOCIMIENTO CARTUCHA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	39 of 143



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job nr.	4607	REV			proj. sect.	=CRT+Q0				
serial nr.	COM17312	DEF			page	40 of 143				





Ξ -STOP DA +Q0
(CANALE A)
 Ξ -STOP DE +Q0
(CANAL A)

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CREST
GESTIONE E-STORE
GESTION E-STORE

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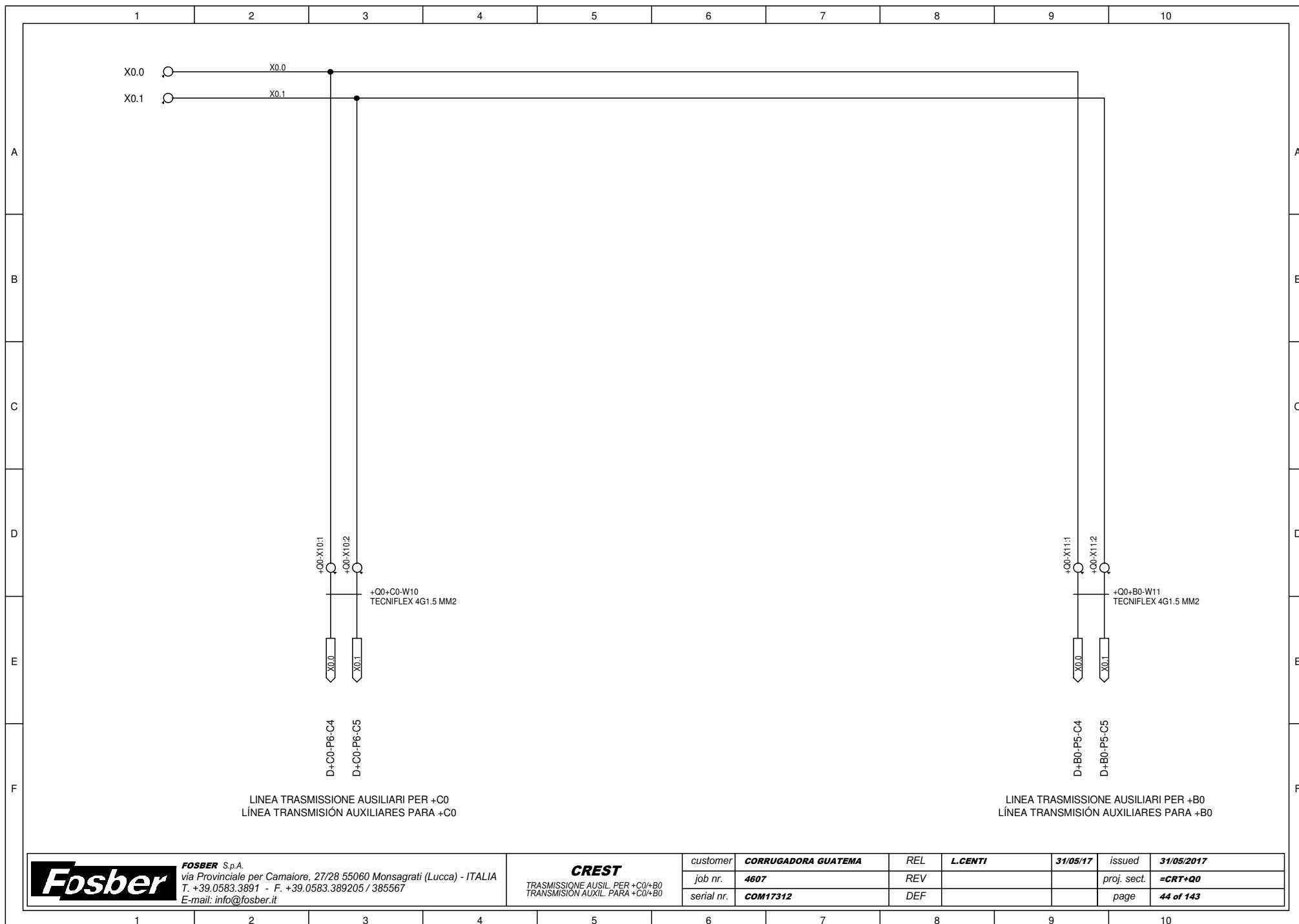


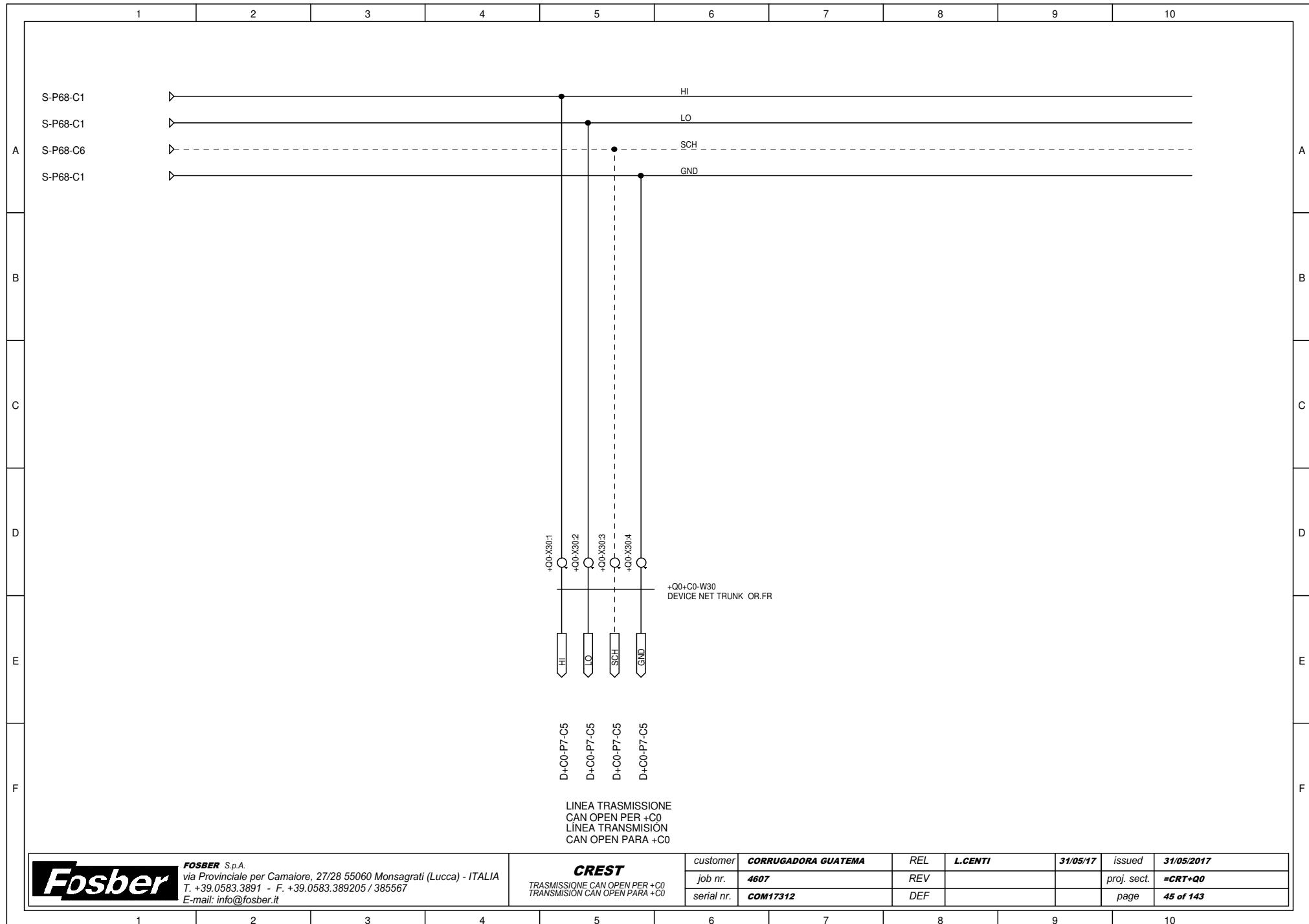
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E-mail: info@fosber.it

CREST
GESTIONE ELETROSERPATURE
GESTION ELECTROCERRADURAS

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	43 of 143

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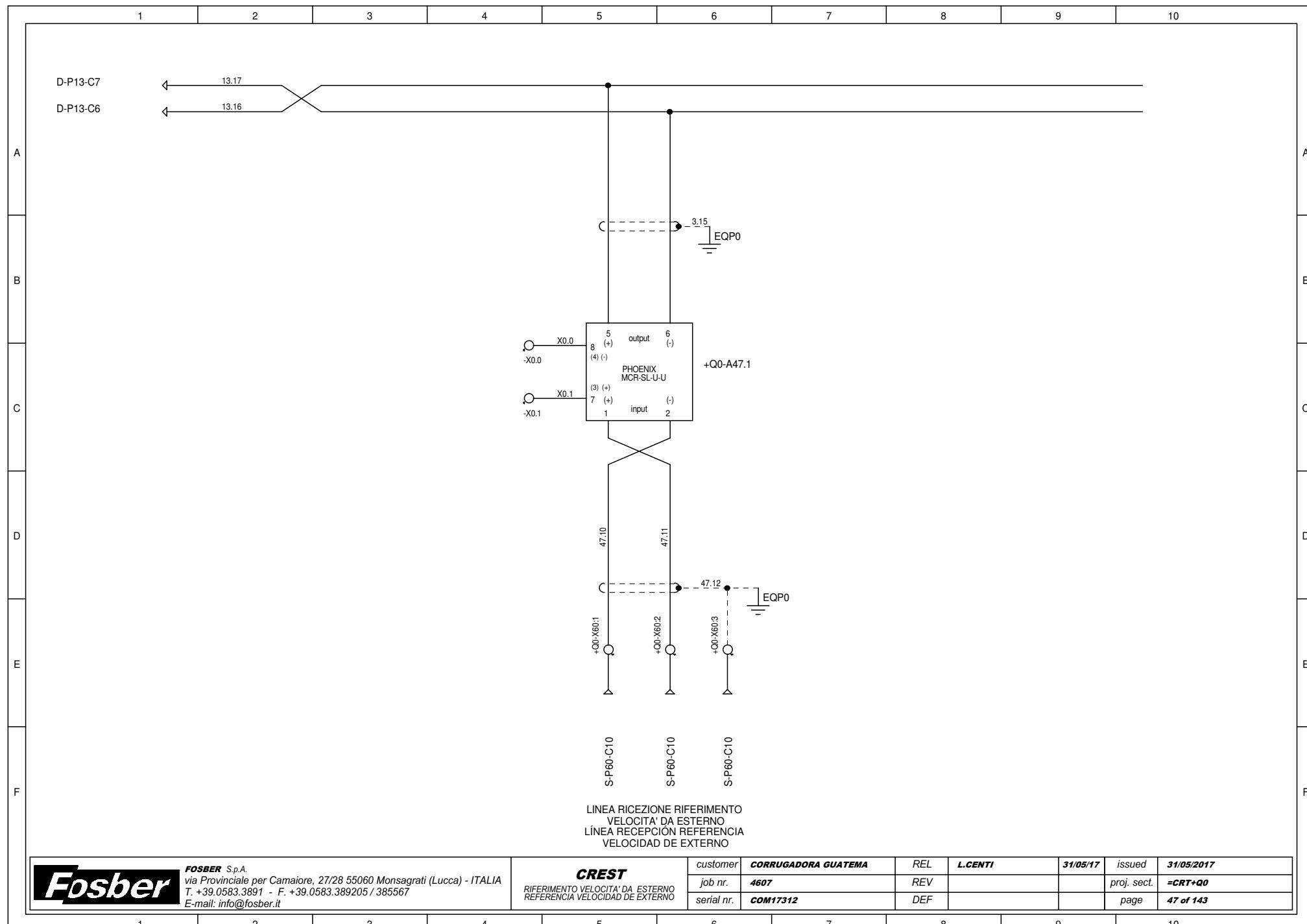


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CREST
DEVICE NET DA PIANALE PER TERNA
DEVICE NET DE MESAS Y PARA TERRA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	46 of 143

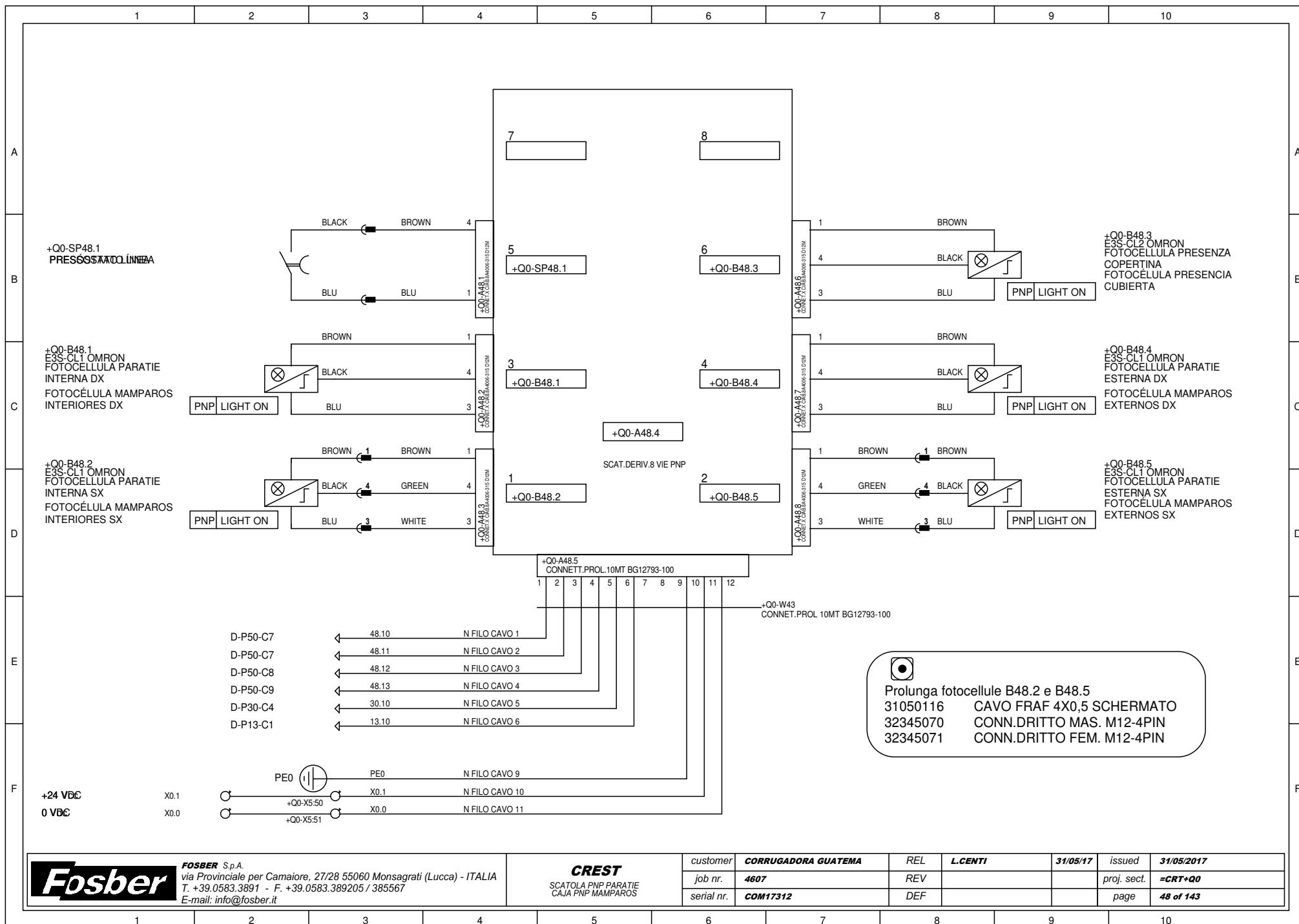
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CREST
RIFERIMENTO VELOCITA' DA ESTERNO
REFERENCIA VELOCIDAD DE EXTERNO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	47 of 143



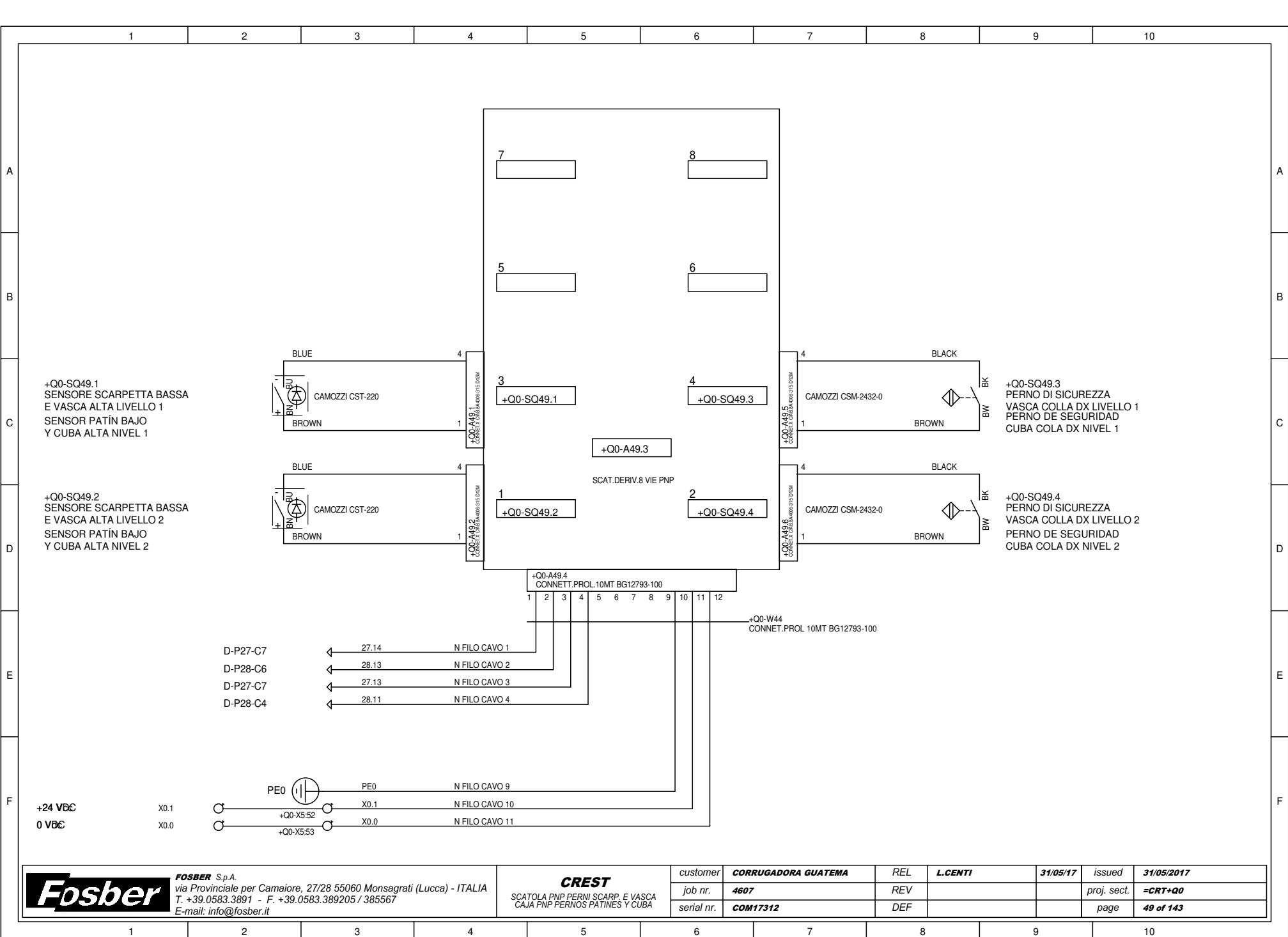
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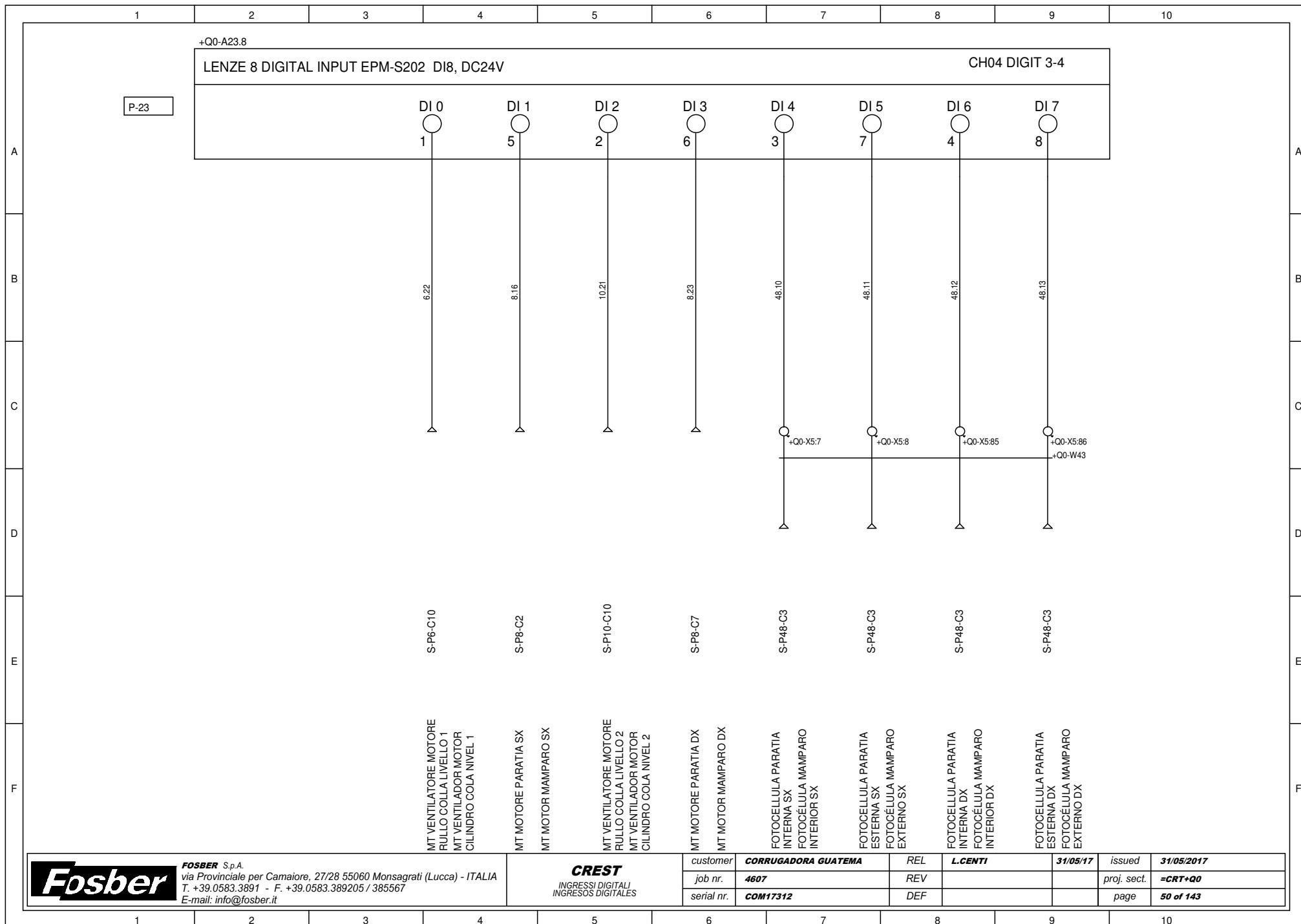
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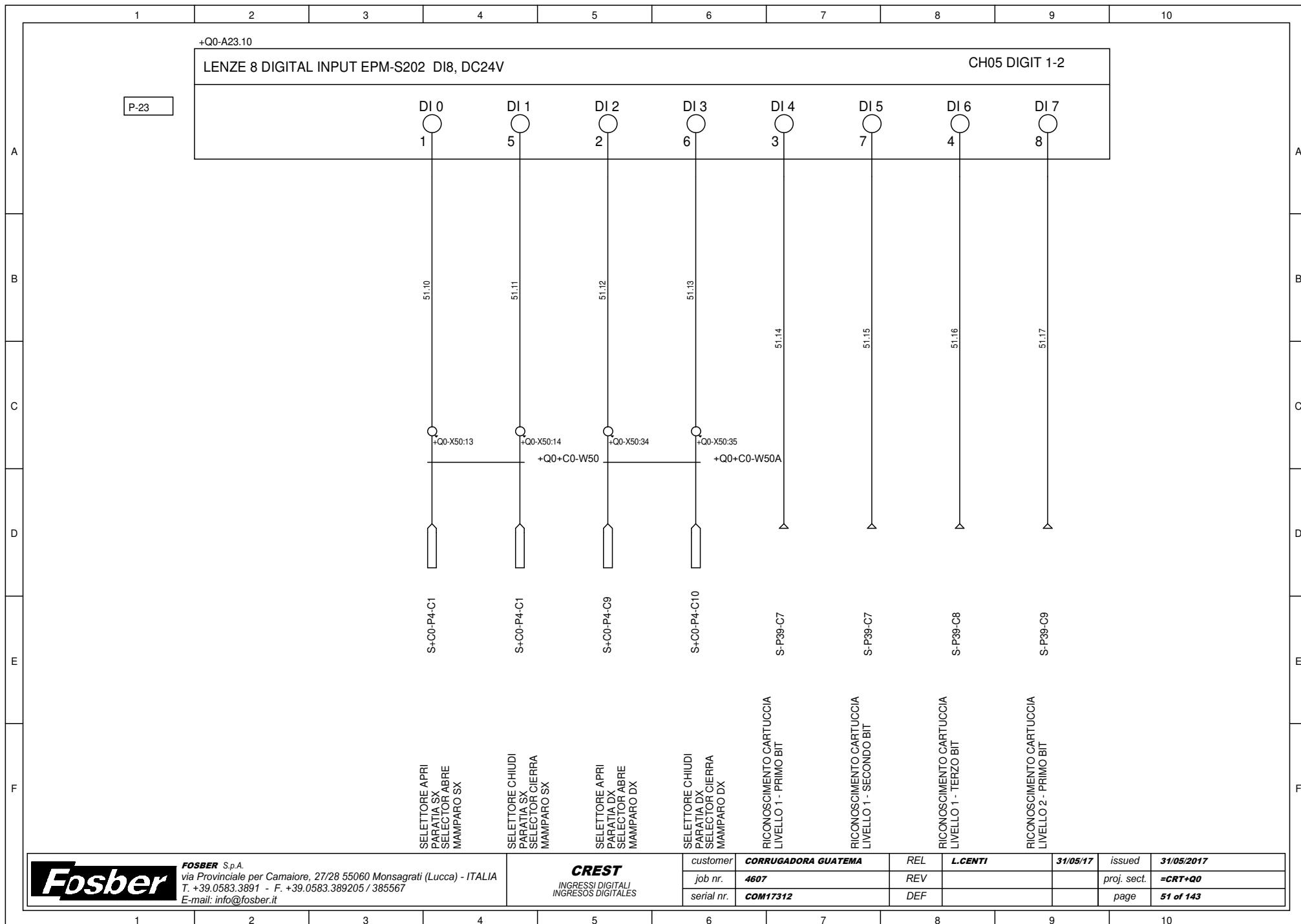
CREST
 SCATOLA PNP PARATIE
 CAJA PNP MAMPAROS

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	48 of 143

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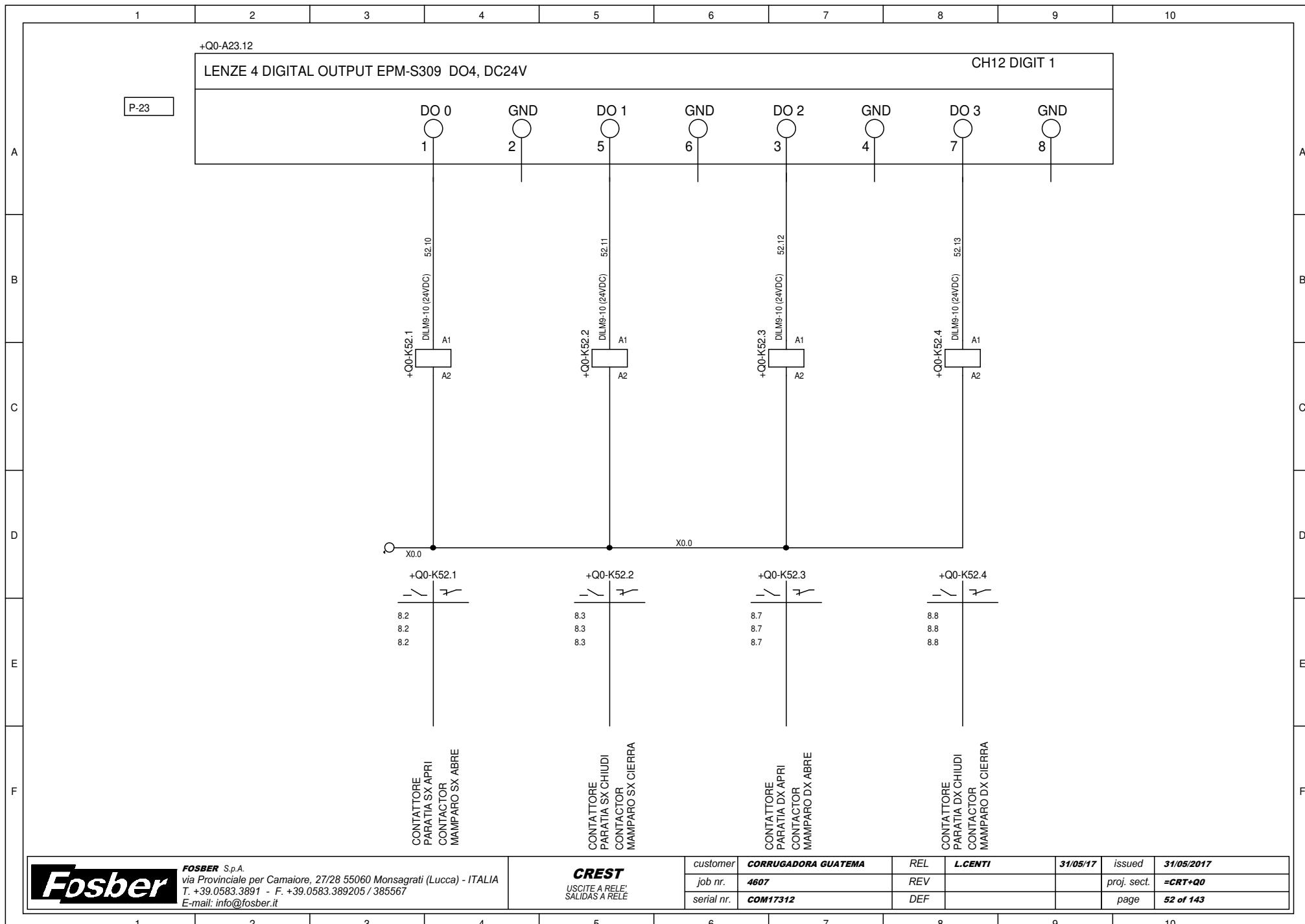
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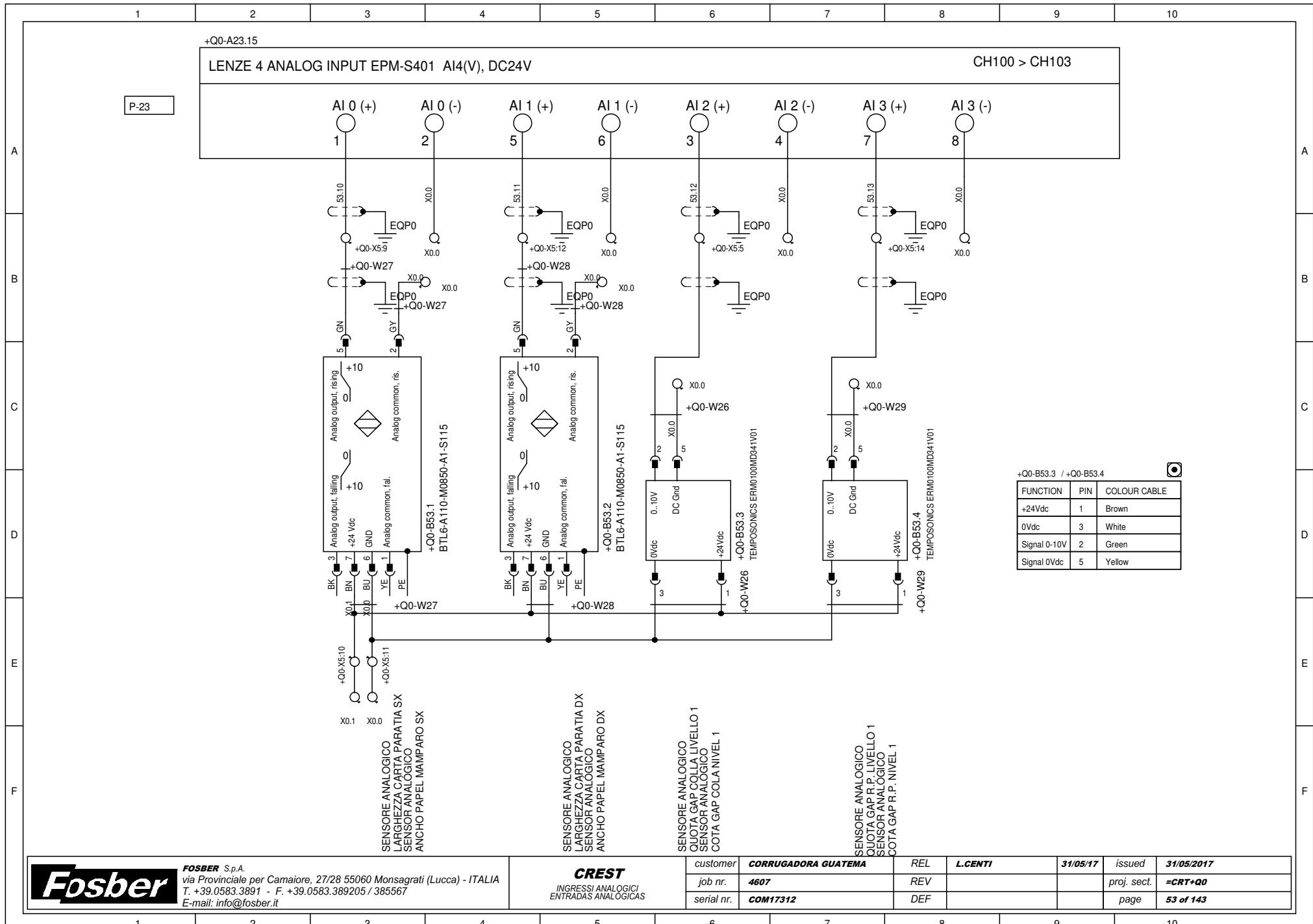
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CREST

INGRESSI DIGITALI
INGRESOS DIGITALES

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	51 of 143



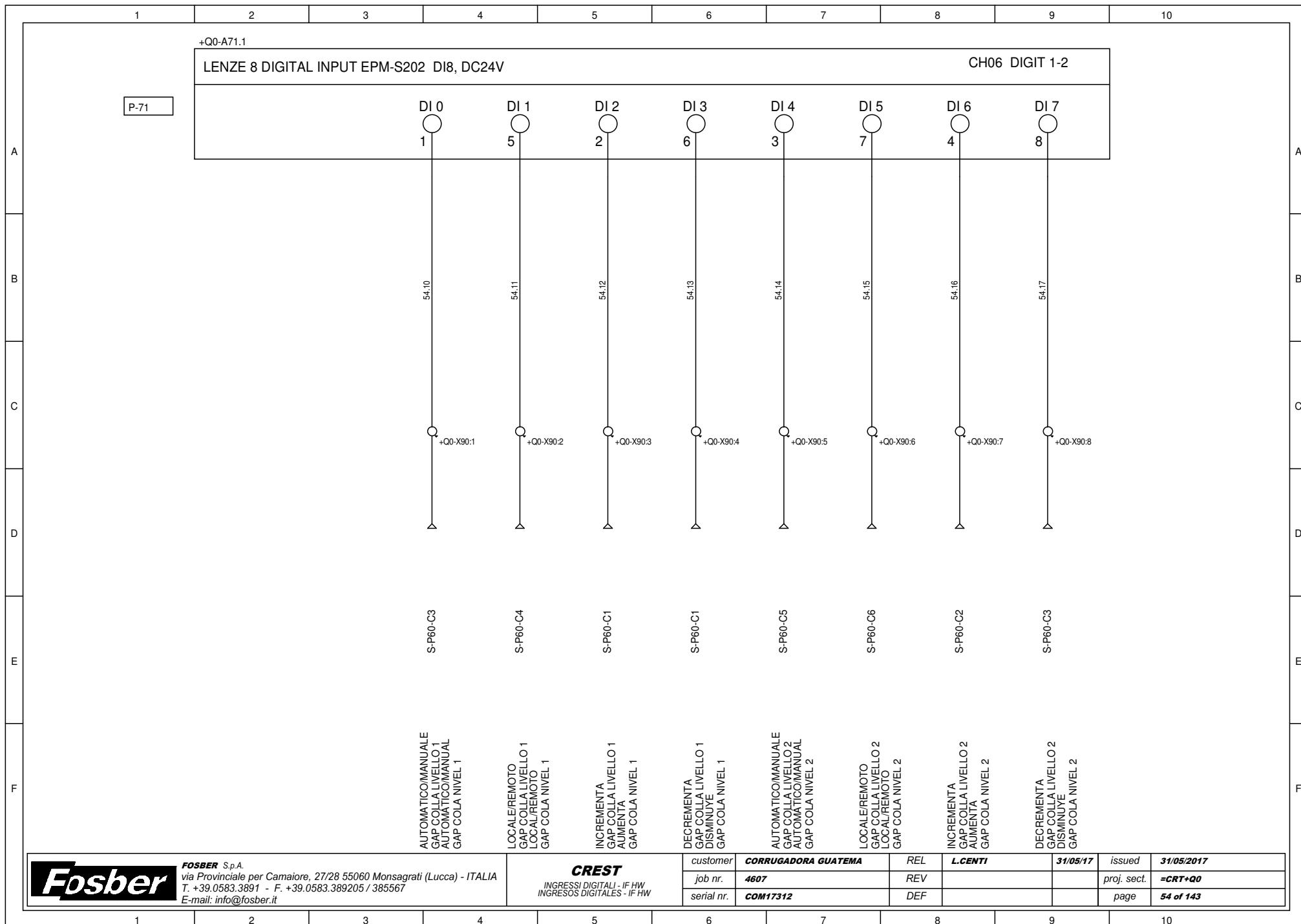


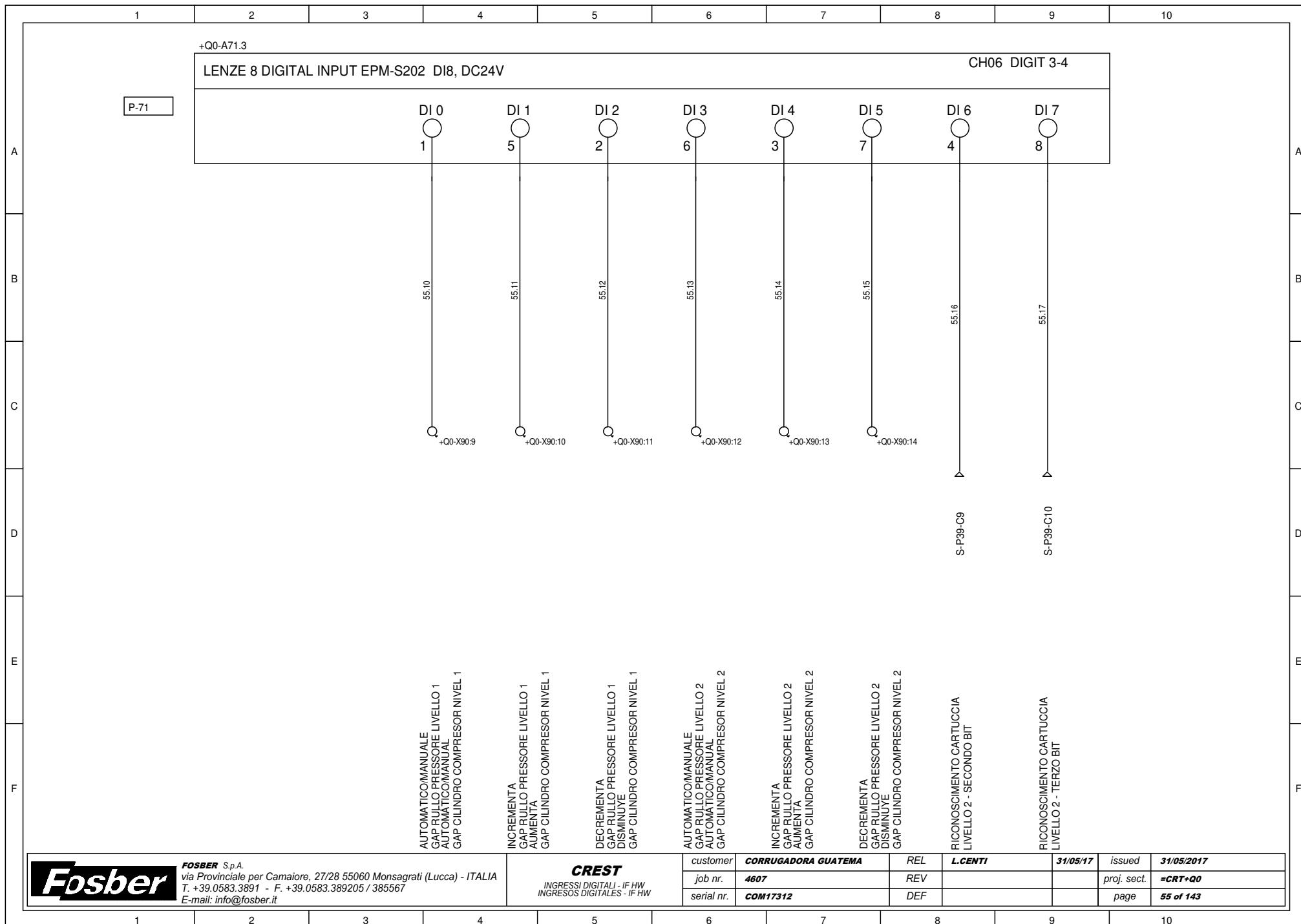
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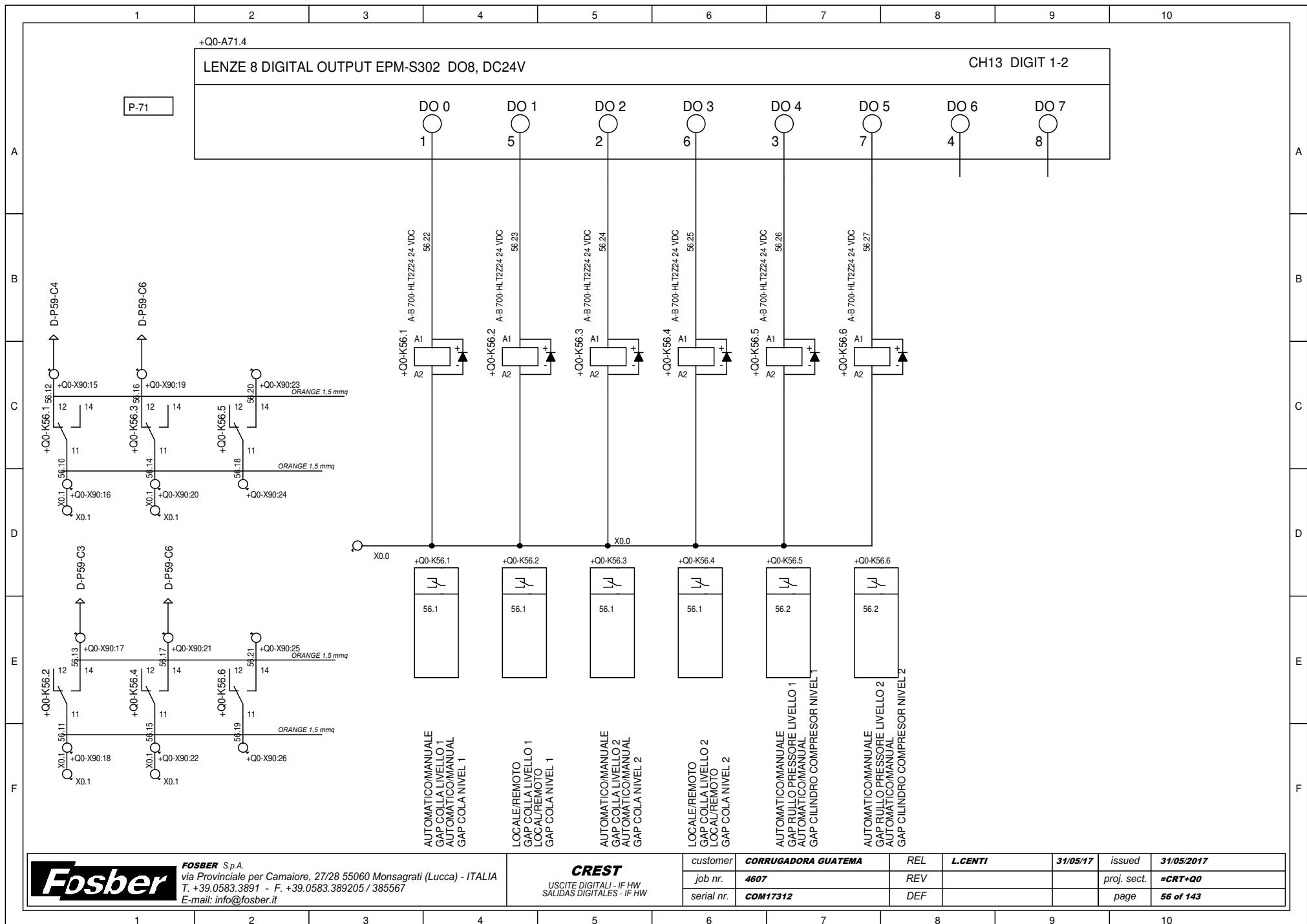
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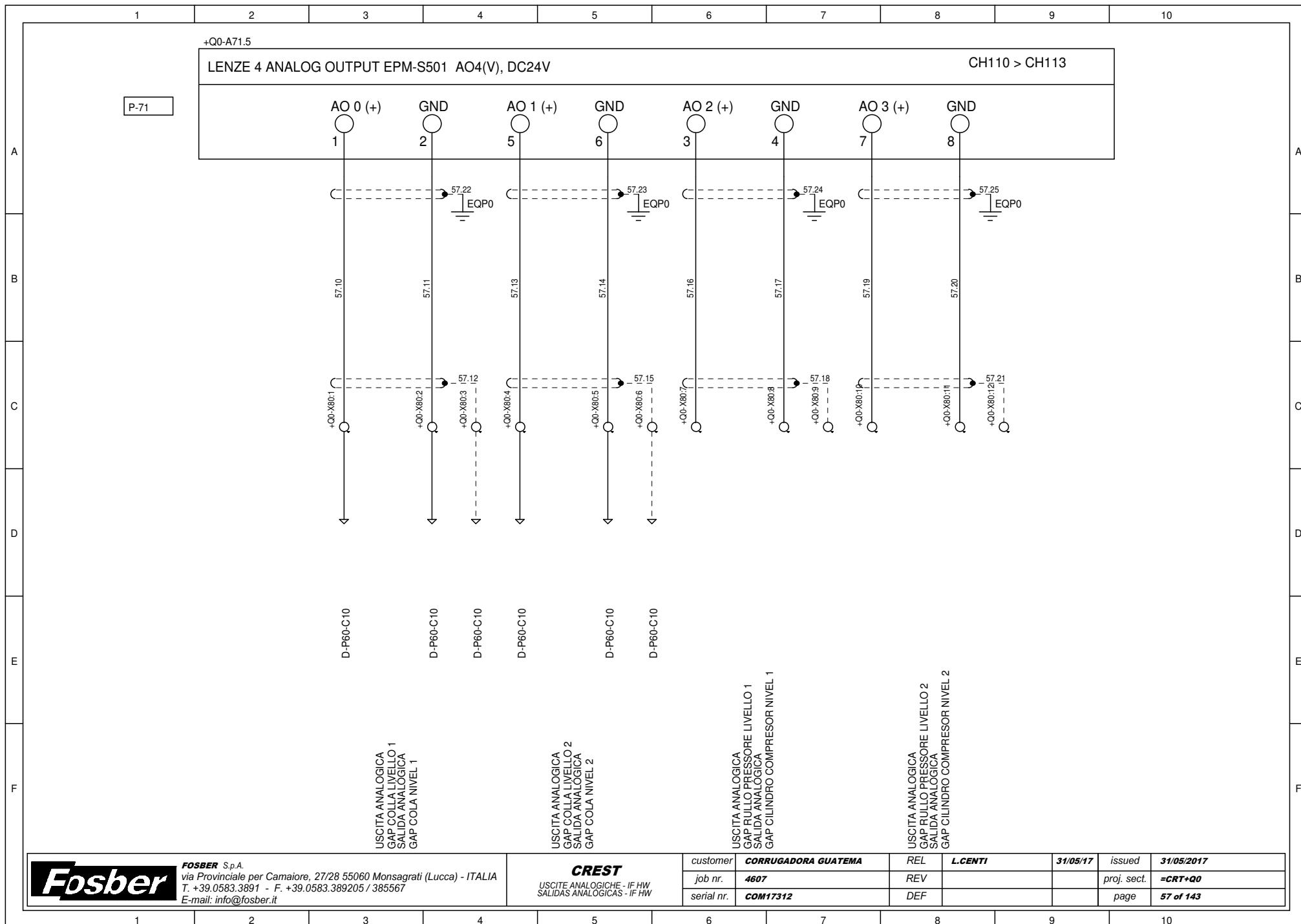
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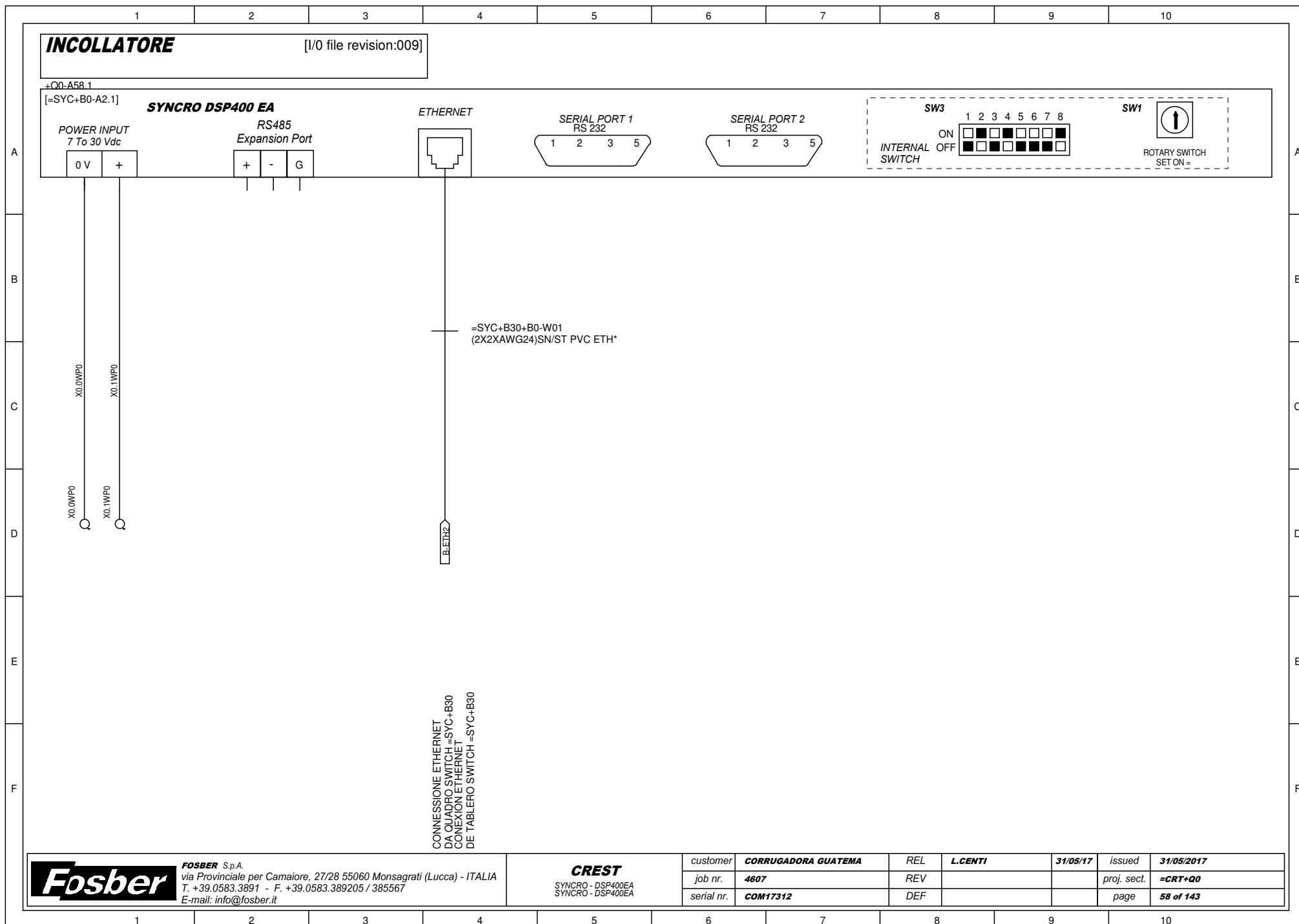
customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	53 of 143









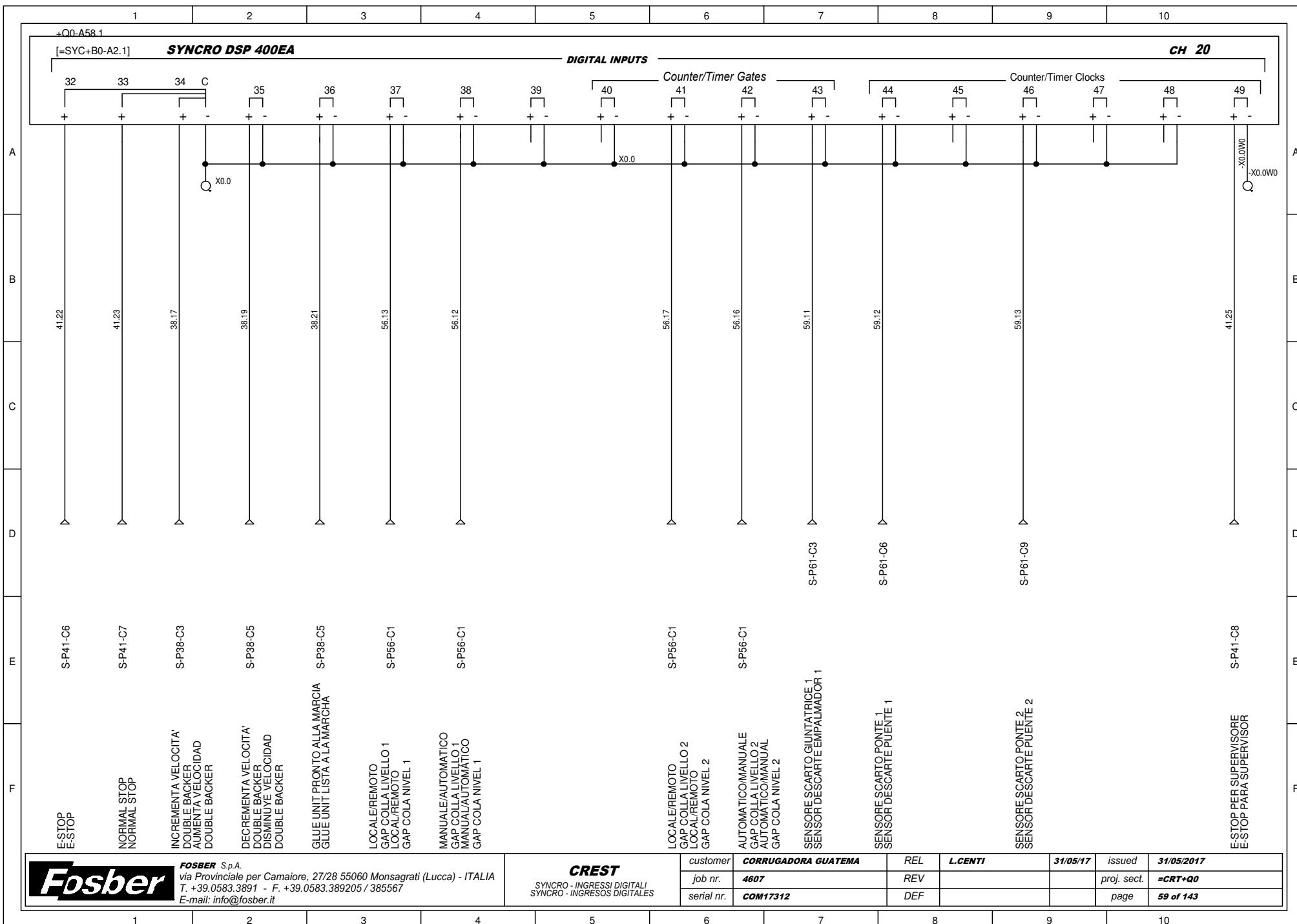


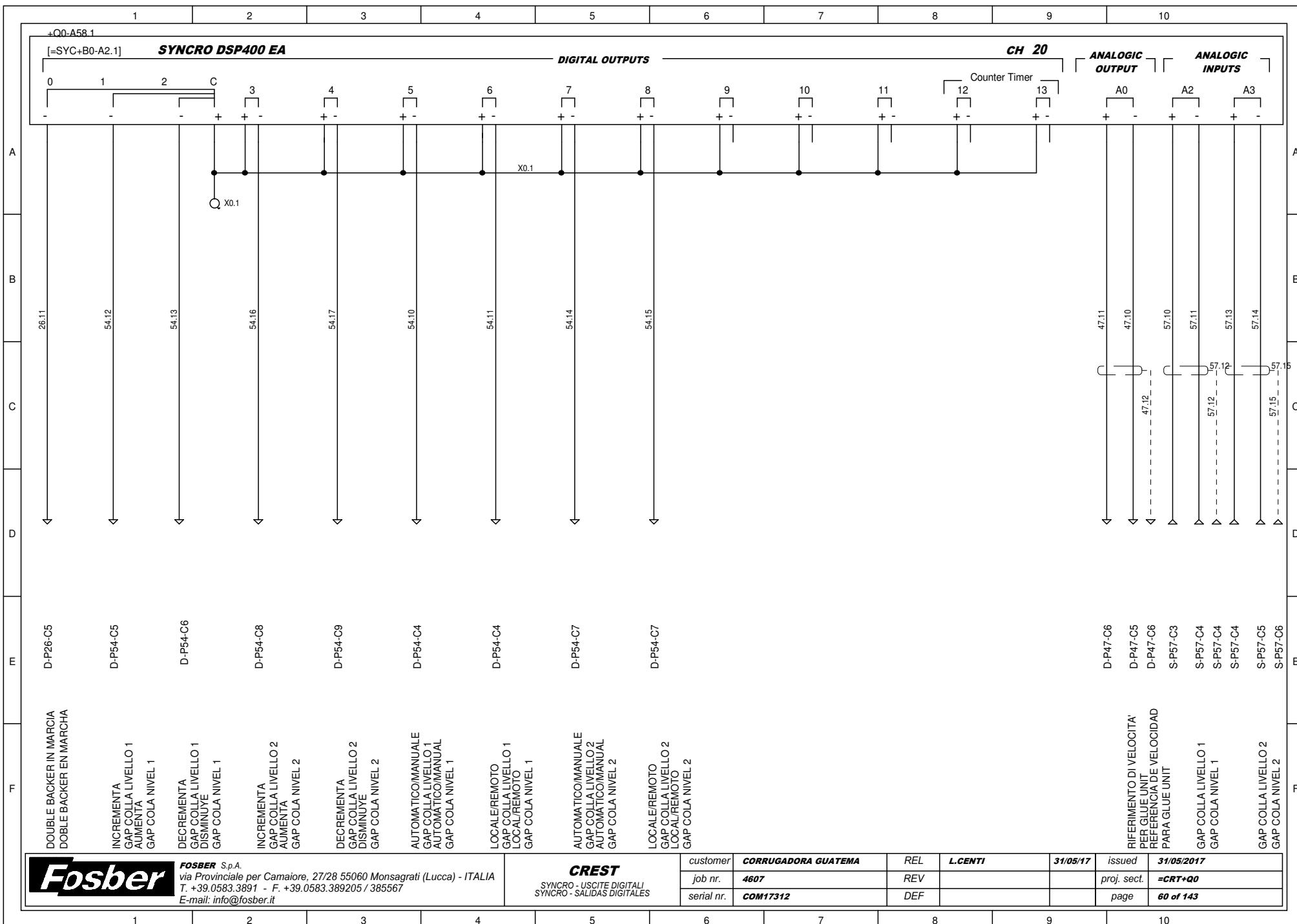
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CREST
SYNCRO - DSP400EA
SYNCRO - DSP400EA

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			job nr.	4607	REV			proj. sect.	=CRT+Q0
			serial nr.	COM17312	DEF			page	58 of 143





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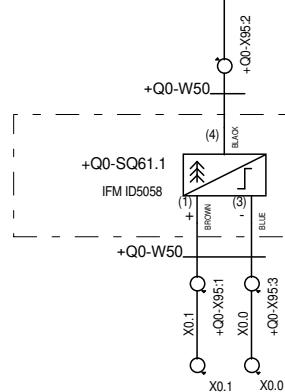
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SENSORE SCARTO GIUNTATRICE 1
SENSOR DESCARTE EMPALMADOR 1+Q0-SQ61.1
IFM ID5058

+Q0-W50

+Q0-W50

+Q0-X95.1

X0.1

+Q0-X95.3

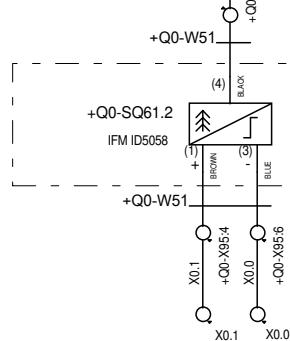
X0.0

X0.0

+Q0-X95.2

59.11

D-P59-C7

SENSORE SCARTO PONTE 1
SENSOR DESCARTE PUENTE 1+Q0-SQ61.2
IFM ID5058

+Q0-W51

+Q0-W51

+Q0-X95.4

X0.1

+Q0-X95.6

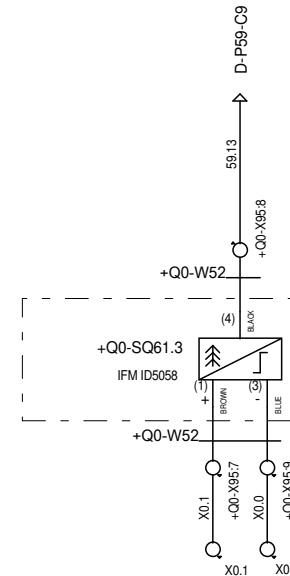
X0.0

X0.0

+Q0-X95.5

59.12

D-P59-C8

SENSORE SCARTO PONTE 2
SENSOR DESCARTE PUENTE 2+Q0-SQ61.3
IFM ID5058

+Q0-W52

+Q0-W52

+Q0-X95.7

X0.1

+Q0-X95.9

X0.0

X0.0

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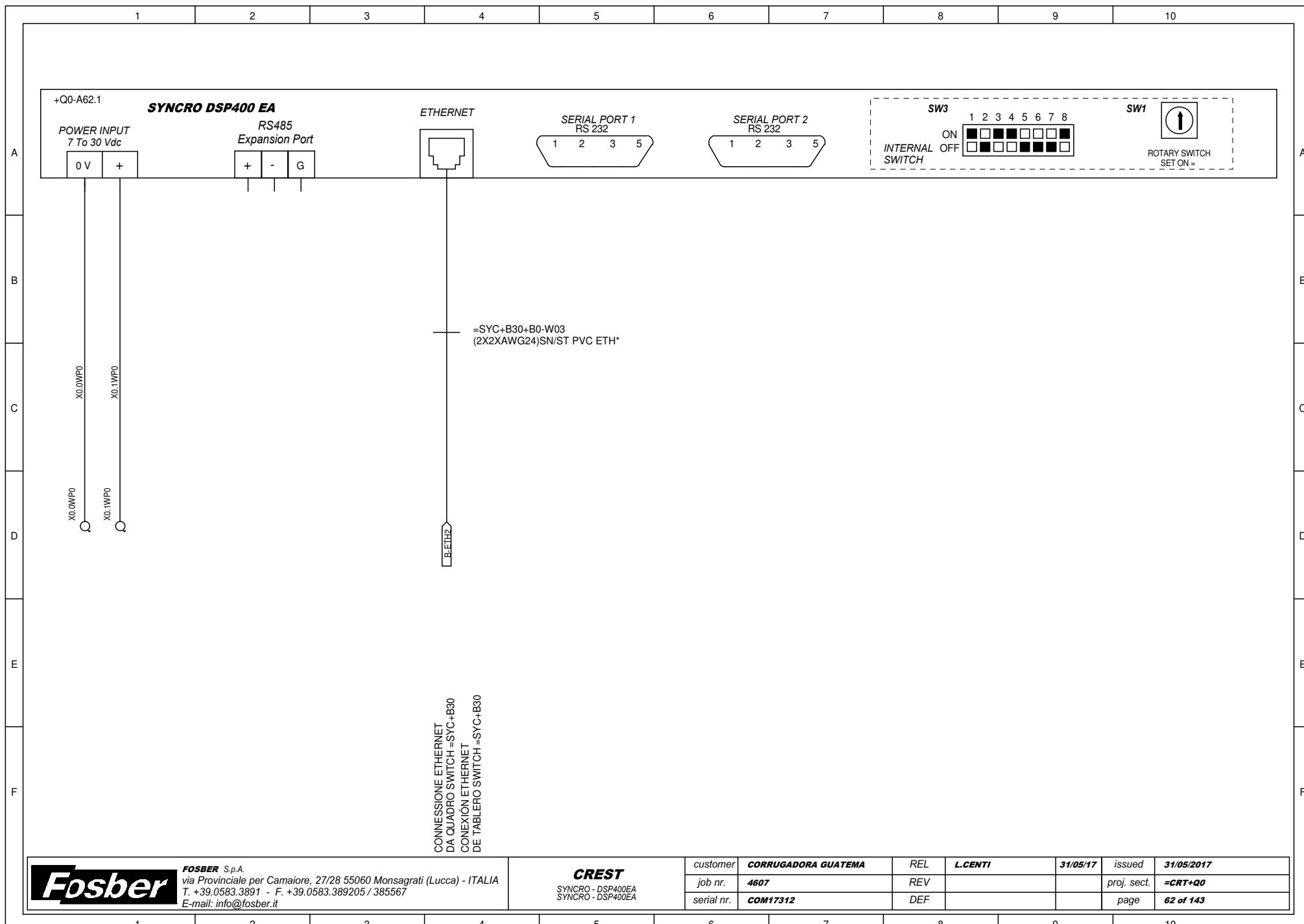
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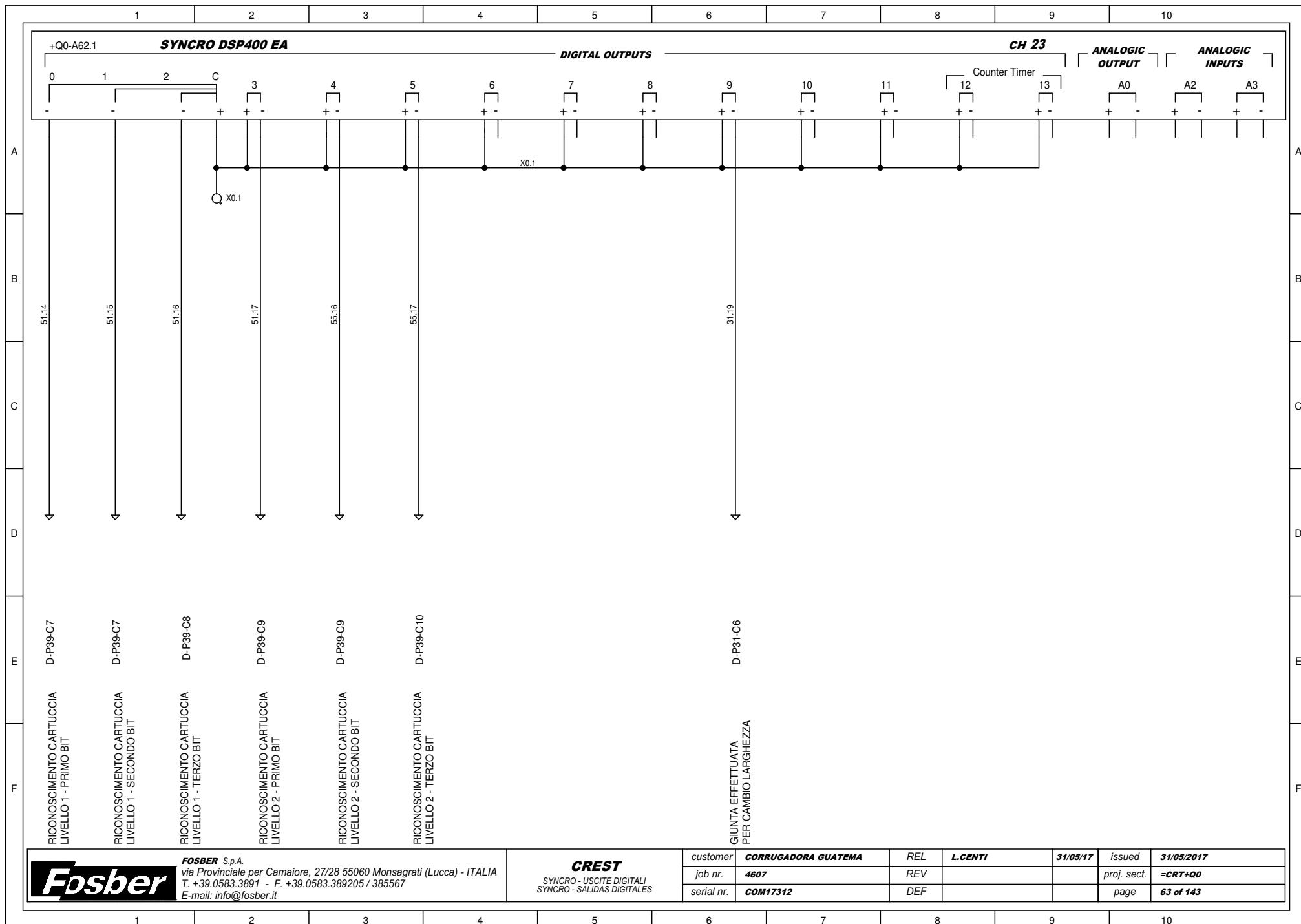
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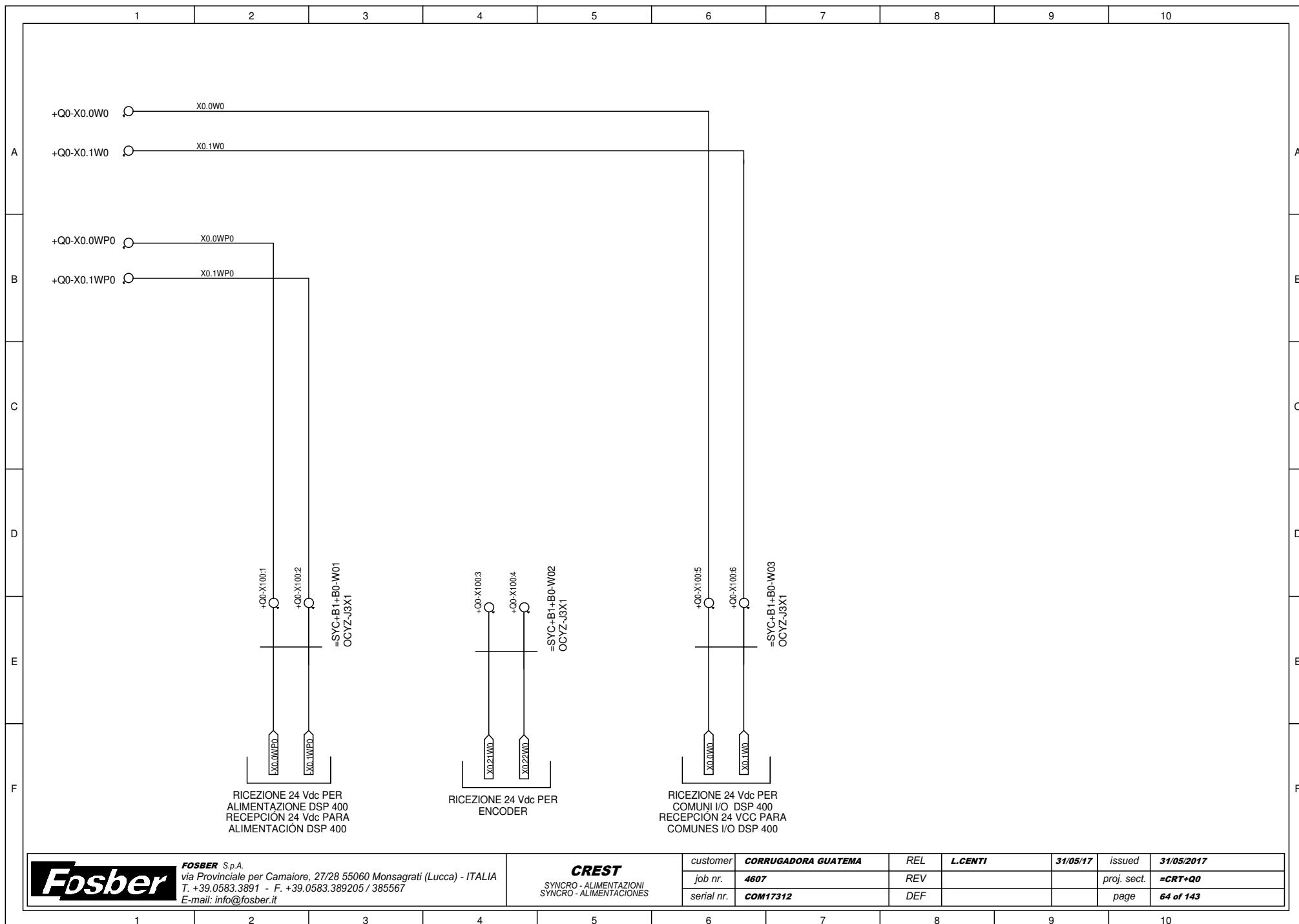
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CREST
 SENSORI BORDO MACCHINA
 SENsores BORDO MAQUINA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	61 of 143







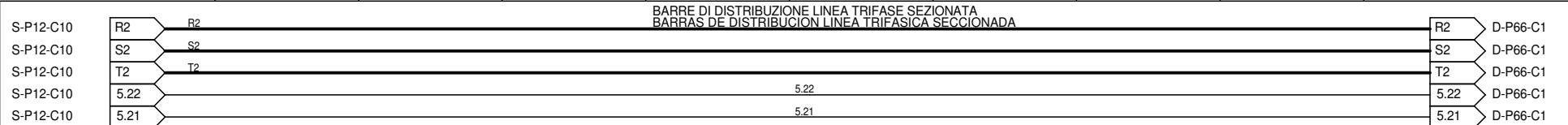
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CREST
SYNCRO - ALIMENTAZIONI
SYNCRO - ALIMENTACIONES

<i>customer</i>	CORRUGADORA GUATEMA	<i>REL</i>	<i>L.CENTI</i>	<i>31/05/17</i>	<i>issued</i>	<i>31/05/2017</i>
<i>job nr.</i>	4607	<i>REV</i>			<i>proj. sect.</i>	=CRT+Q0
<i>serial nr.</i>	COM17312	<i>DEF</i>			<i>page</i>	64 of 143

BARRE DI DISTRIBUZIONE LINEA TRIFASE SEZIONATA
BARRAS DE DISTRIBUCION LINEA TRIFASICA SECCIONADA



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CREST
DRIVE AC RULLO COLLA
DRIVE AC CILINDRO COLA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	65 of 143

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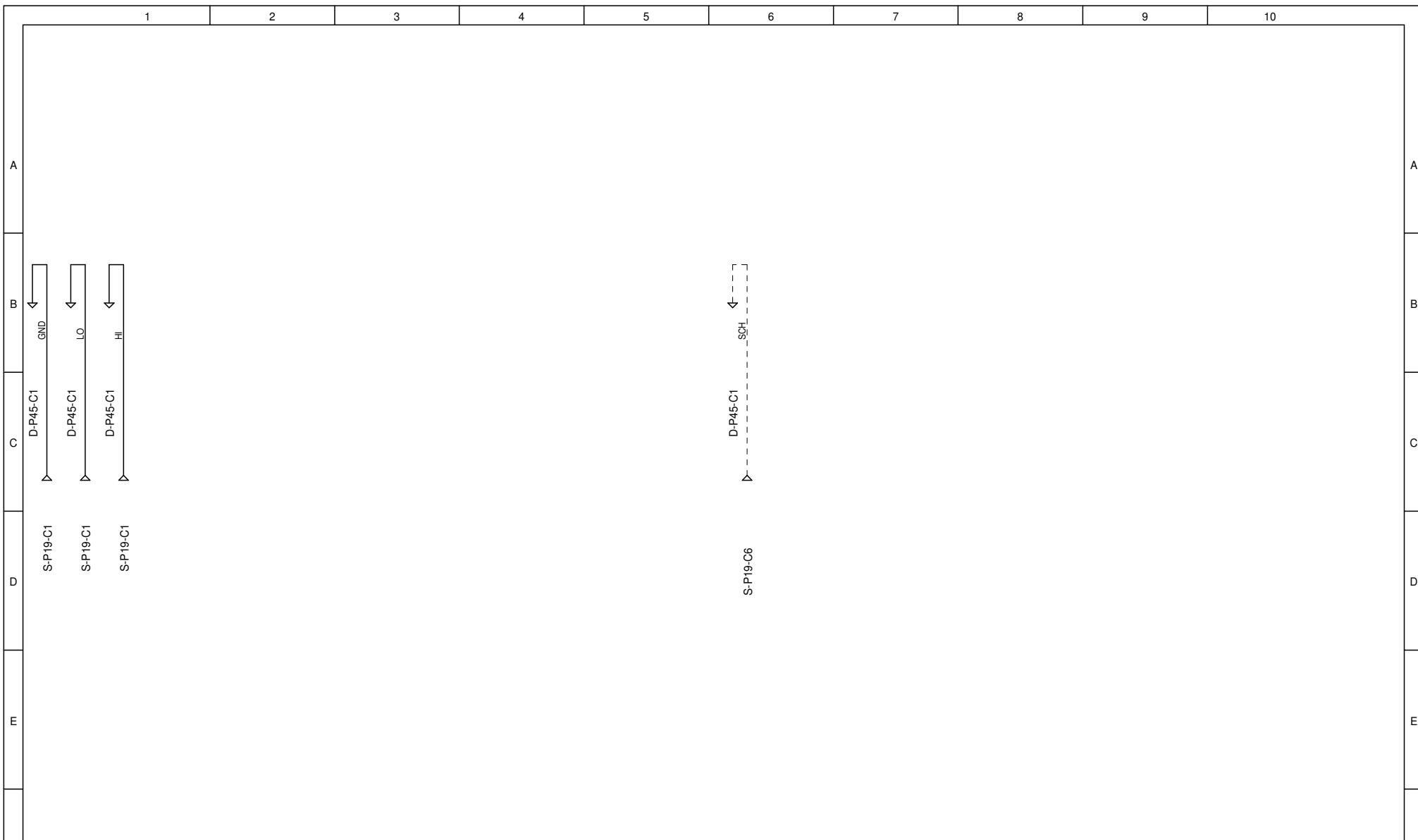
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BARRE DI DISTRIBUZIONE LINEA TRIFASE SEZIONATA BARRAS DE DISTRIBUCION LINEA TRIFASICA SECCIONADA												
	S-P65-C10	R2				R2				R2	D-P67-C1	
	S-P65-C10	S2				S2				S2	D-P67-C1	
	S-P65-C10	T2				T2				T2	D-P67-C1	
	S-P65-C10	5.22				5.22				5.22	D-P67-C1	
	S-P65-C10	5.21				5.21				5.21	D-P67-C1	
A											A	
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C											C	
D											D	
E											E	
F											F	
Fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it				CREST CONTATTORI GAP COLLA CONTACTORES GAP COLA		customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
						job nr.	4607	REV			proj. sect.	=CRT+Q0
						serial nr.	COM17312	DEF			page	66 of 143
1	2	3	4	5	6	7	8	9	10			

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BARRE DI DISTRIBUZIONE LINEA TRIFASE SEZIONATA BARRAS DE DISTRIBUCION LINEA TRIFASICA SECCIONADA									
S-P66-C10	R2			R2					
S-P66-C10	S2			S2					
S-P66-C10	T2			T2					
S-P66-C10	5.22			5.22					
S-P66-C10	5.21			5.21					
A									A
B									B
C									C
D									D
E									E
F									F
Fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it									
CREST CONTATTORI GAP RULLO PRESSORE CONTACTORES GAP CILINDRO COMPRESOR									
customer CORRUGADORA GUATEMA REL L.CENTI 31/05/17 issued 31/05/2017									
job nr. 4607 REV proj. sect. =CRT+QD									
serial nr. COM17312 DEF page 67 of 143									
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CREST
I/O INVERTER RULLO COLLA
I/O INVERTER CILINDRO COLA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	68 of 143

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CREST
PAGINA LASCIATA VUOTA
PÁGINA DEJADA EN BLANCO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	69 of 143

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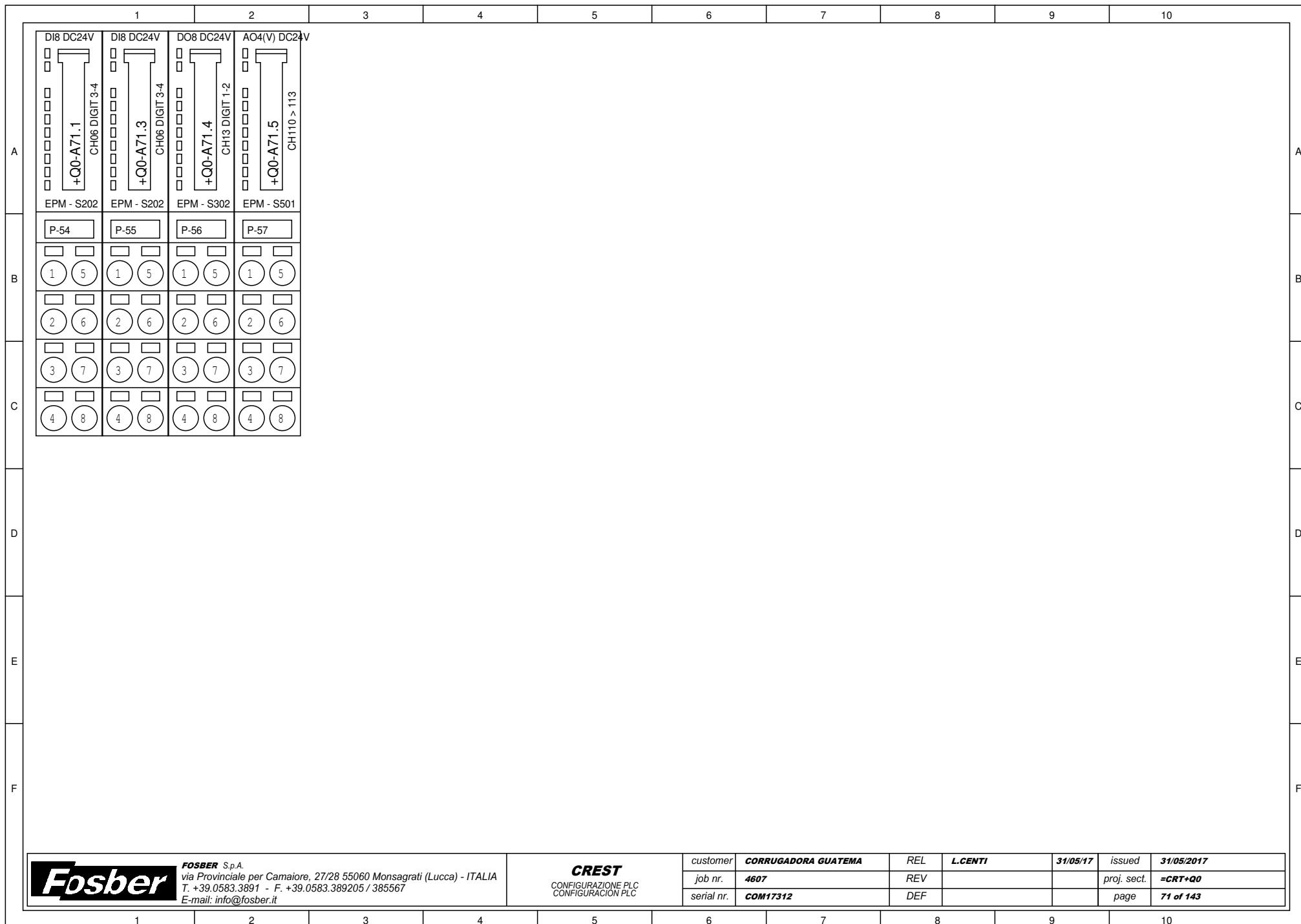


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CREST
PAGINA LASCIATA VUOTA
PÁGINA DEJADA EN BLANCO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	70 of 143

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E-mail: info@fosber.it

CREST
CONFIGURAZIONE PLC
CONFIGURACIÓN PLC

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	71 of 143

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CREST
INGRESSI DIGITALI - IF HW
INGRESOS DIGITALES - IF HW

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	72 of 143

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CREST
USCITE DIGITALI - IF HW
SALIDAS DIGITALES - IF HW

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	73 of 143

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CREST
USCITE ANALOGICHE - IF HW
SALIDAS ANALOGICAS - IF HW

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	74 of 143

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CREST
SYNCHRO - DSP400EA
SYNCHRO - DSP400EA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	75 of 143

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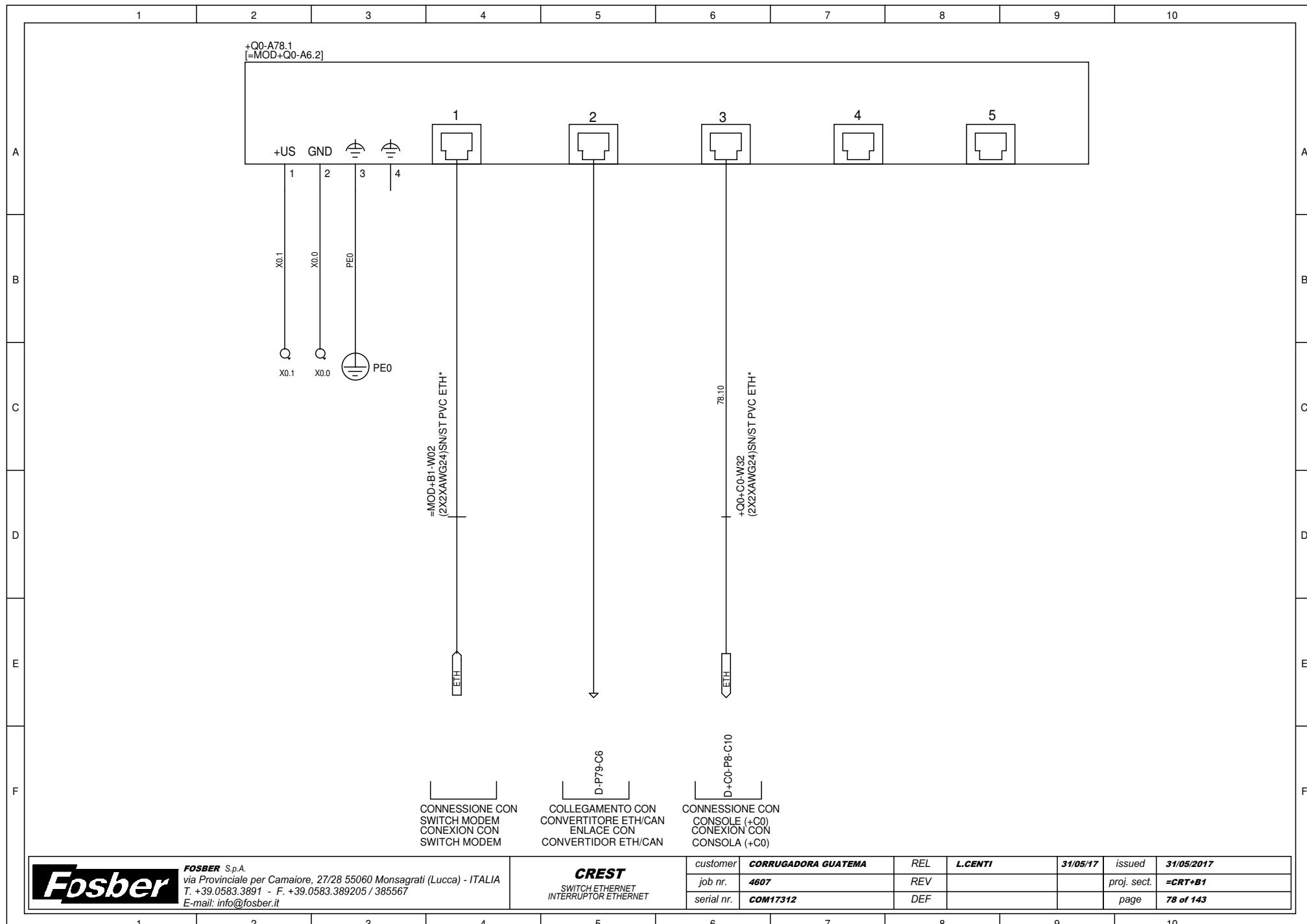
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CREST
SYNCRO - INGRESSI DIGITALI
SYNCRO - INGRESOS DIGITALES

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	76 of 143

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D											D	
E											E	
F											F	
Fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it				CREST SYNCHRO - USCITE DIGITALI SYNCHRO - SALIDAS DIGITALES		customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
				job nr.	4607	REV			proj. sect.	=CRT+Q0		
				serial nr.	COM17312	DEF			page	77 of 143		
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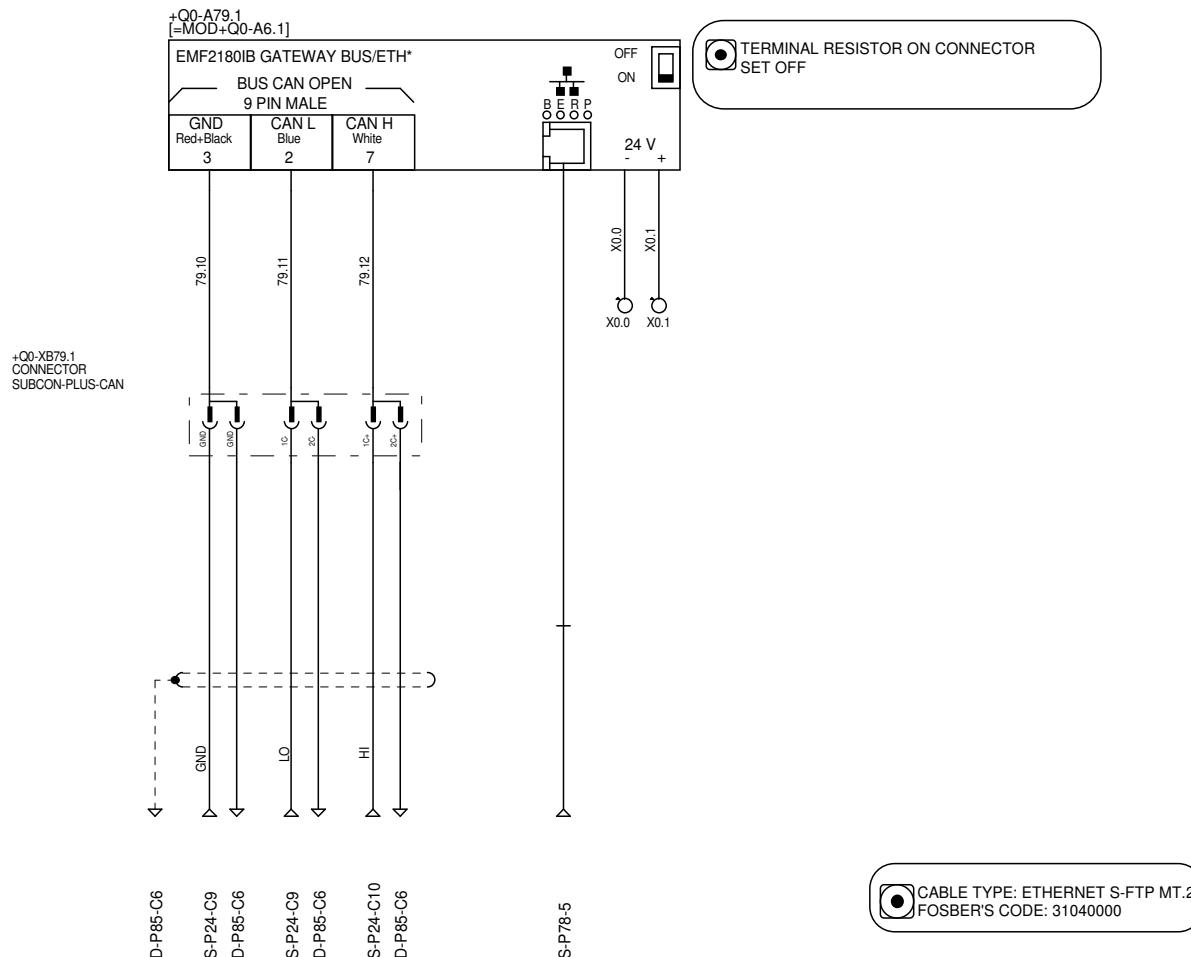
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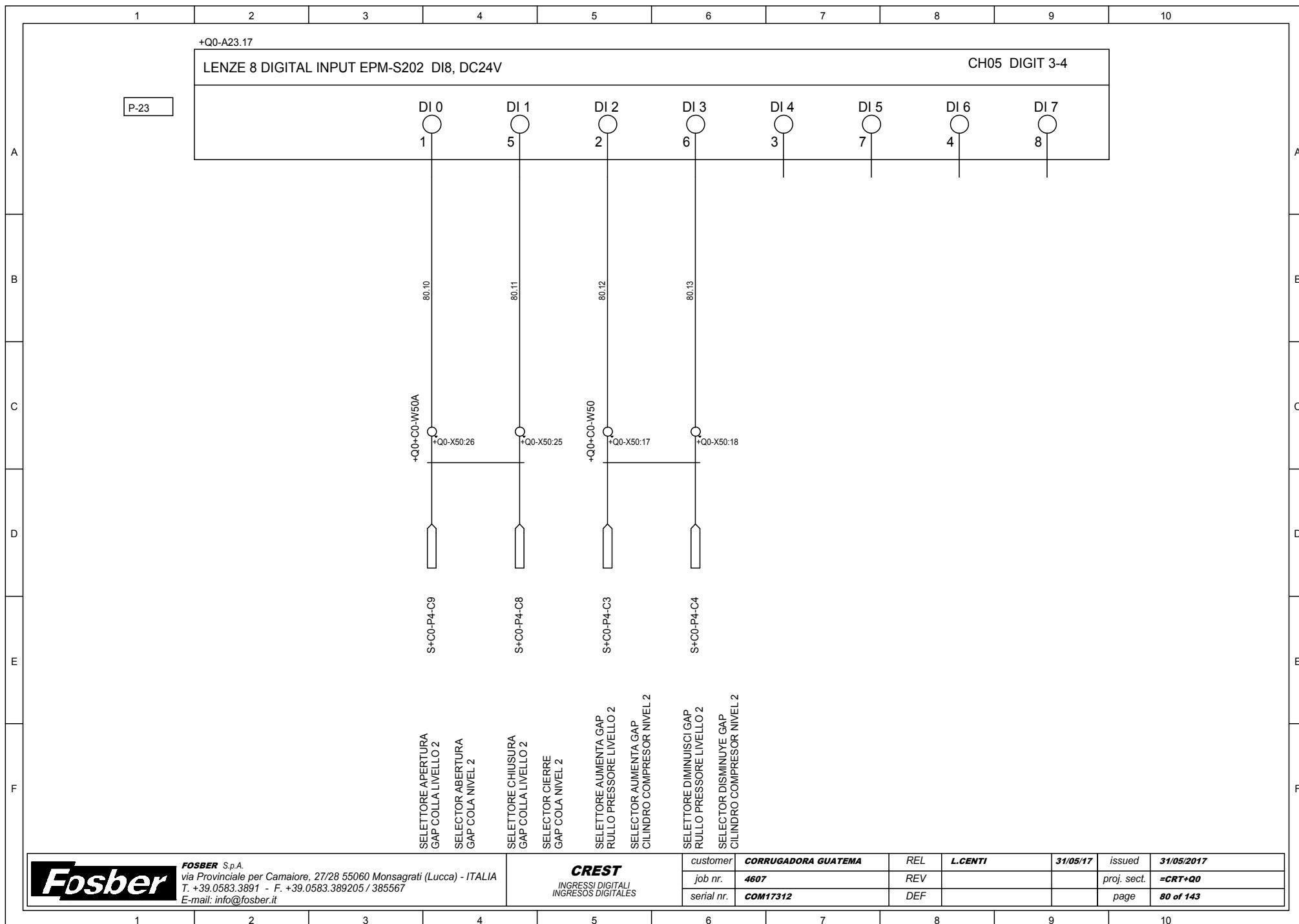
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CREST
INTERFACCIA CAN OPEN/ETH MODEM
INTERFAZ CAN OPEN/ETH MODEM

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+B1
serial nr.	COM17312	DEF			page	79 of 143

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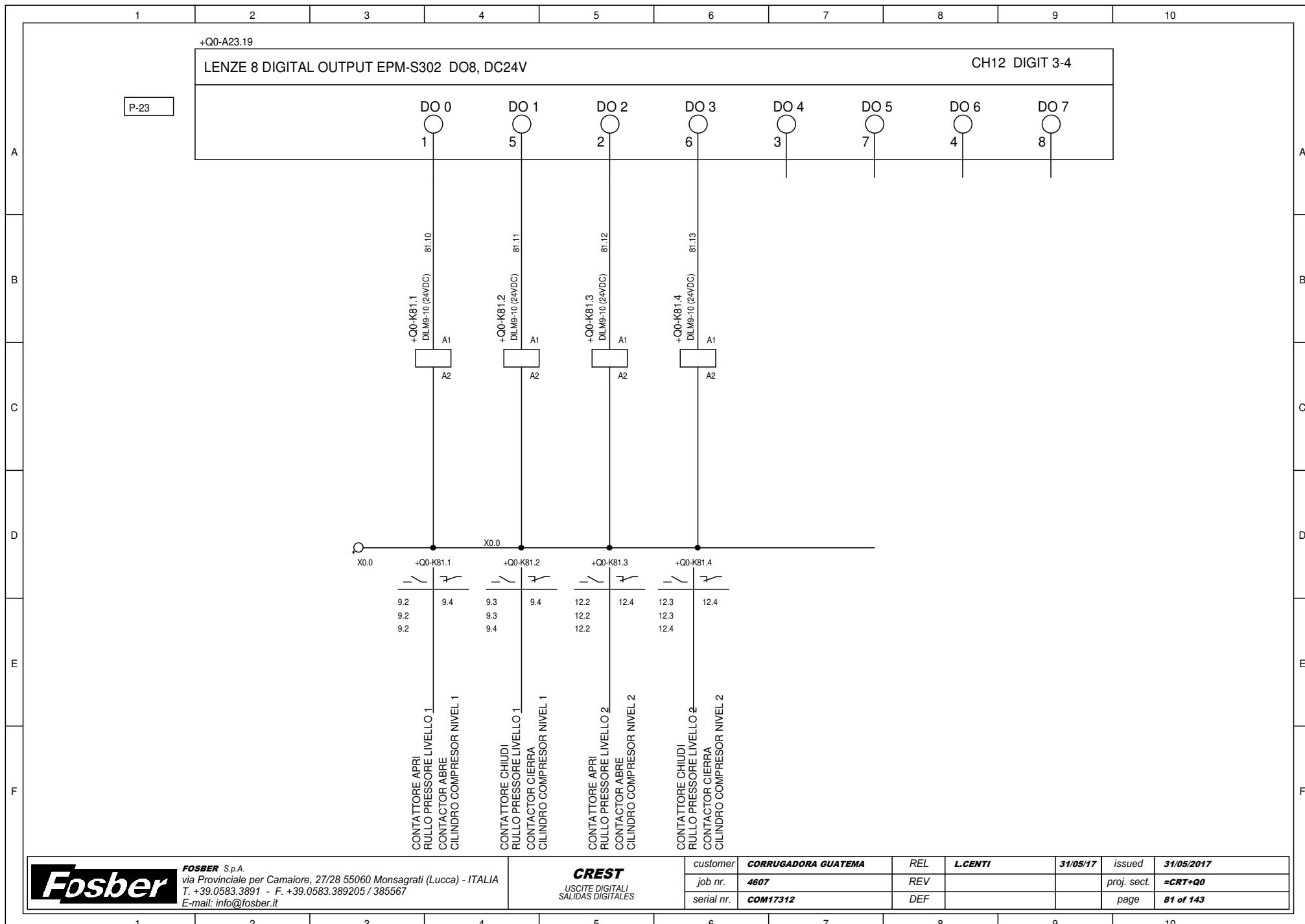


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CREST
INGRESSI DIGITALI
INGRESOS DIGITALES

<i>customer</i>	CORRUGADORA GUATEMA	<i>REL</i>	<i>L.CENTI</i>	<i>31/05/17</i>	<i>issued</i>	<i>31/05/2017</i>
<i>job nr.</i>	4607	<i>REV</i>			<i>proj. sect.</i>	=CRT+Q0
<i>serial nr.</i>	COM17312	<i>DEF</i>			<i>page</i>	80 of 143

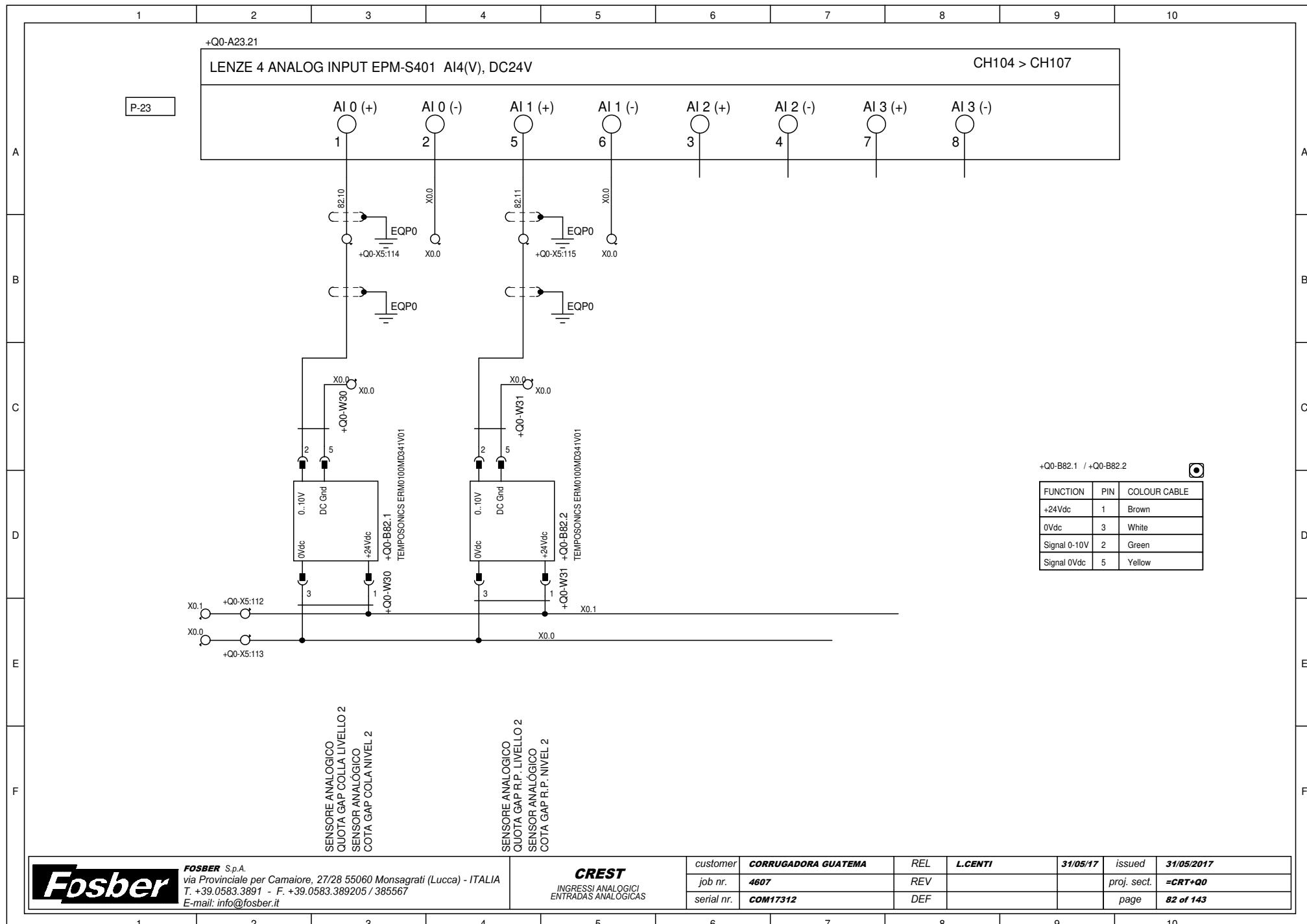


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CREST
USCITE DIGITALI
SALIDAS DIGITALES

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
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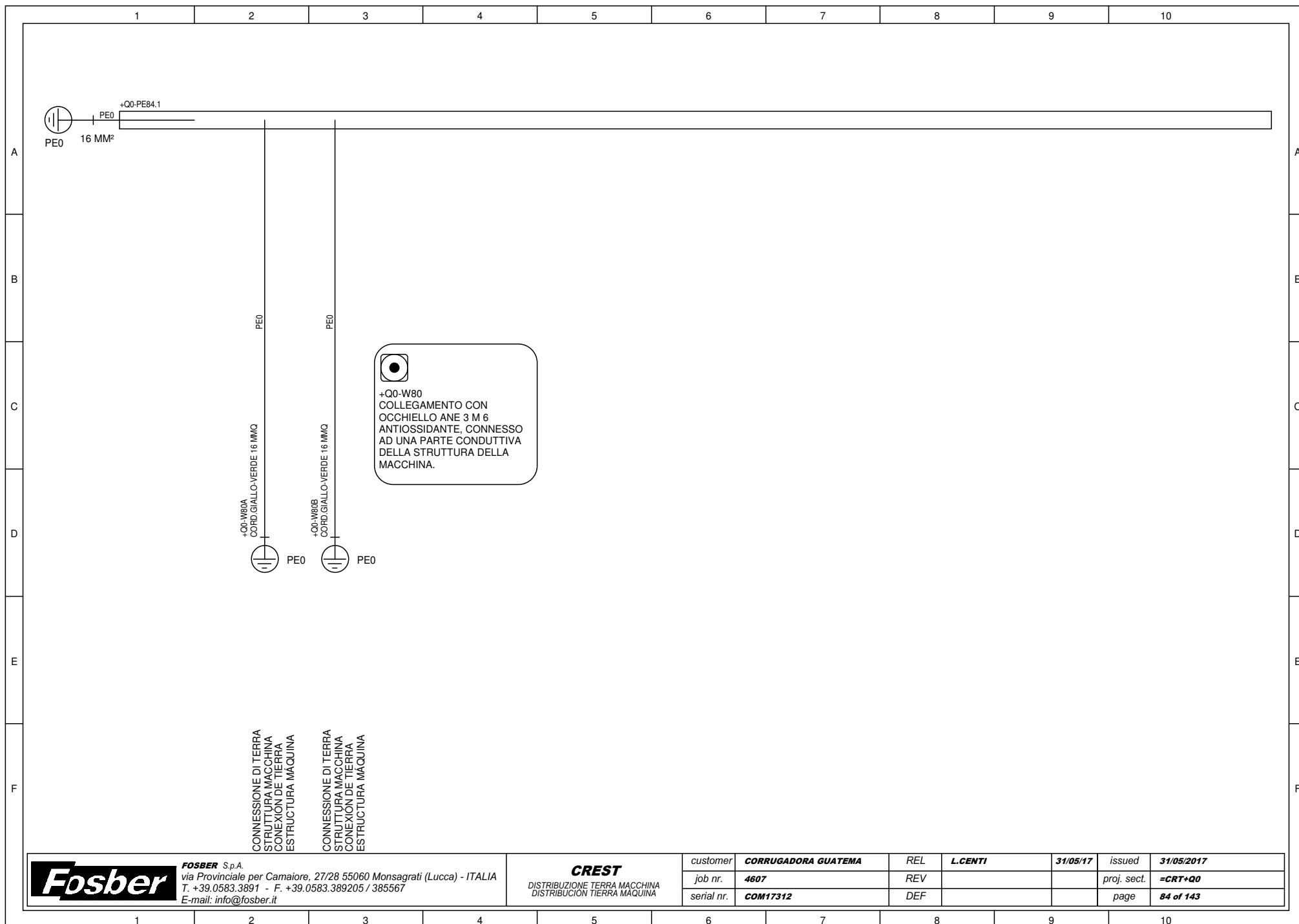


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CREST
INTERFACCIA SERIALE MOXA
INTERFAZ SERIAL MOXA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	83 of 143

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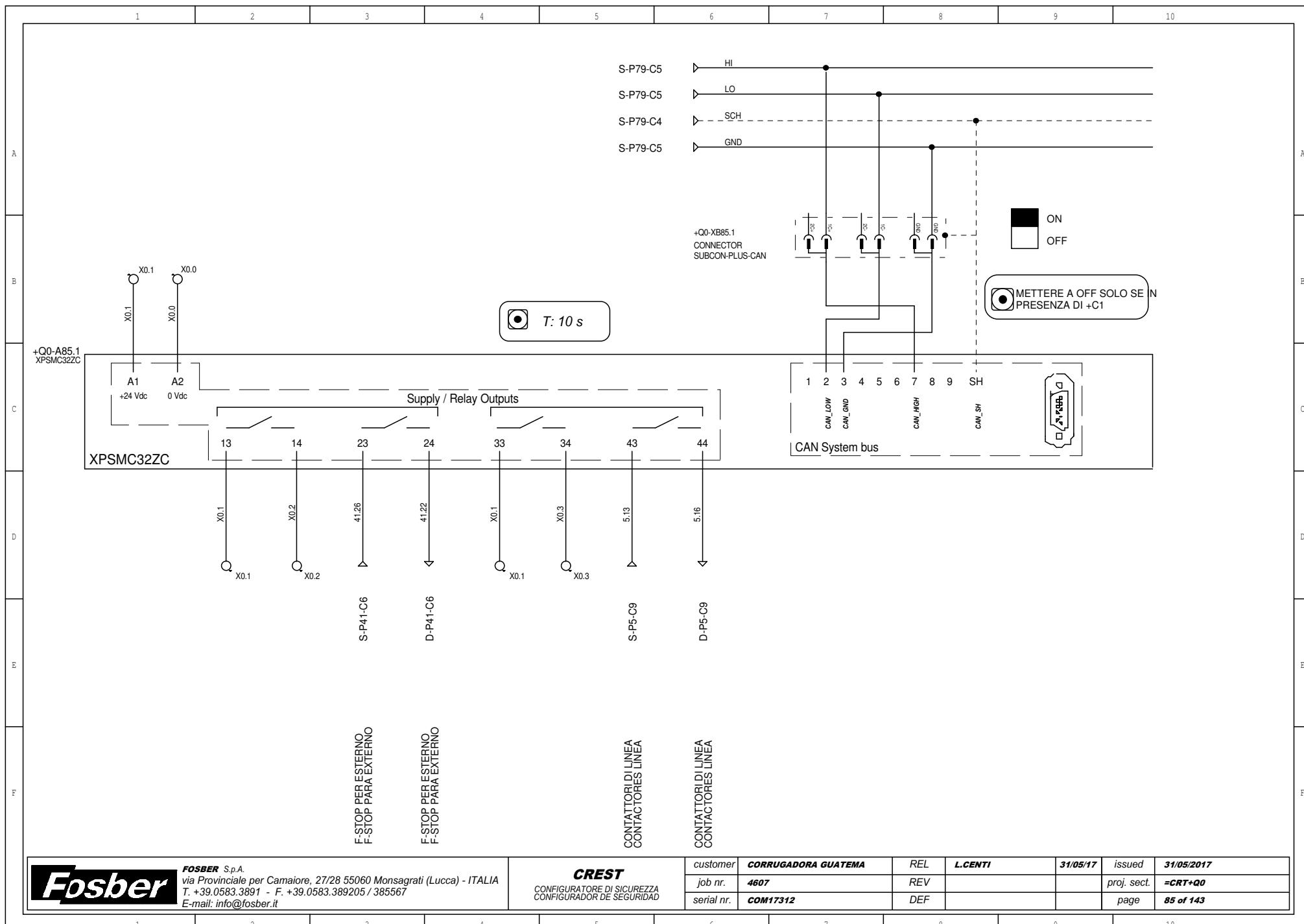


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CREST
DISTRIBUZIONE TERRA MACCHINA
DISTRIBUCIÓN TIERRA MAQUINA

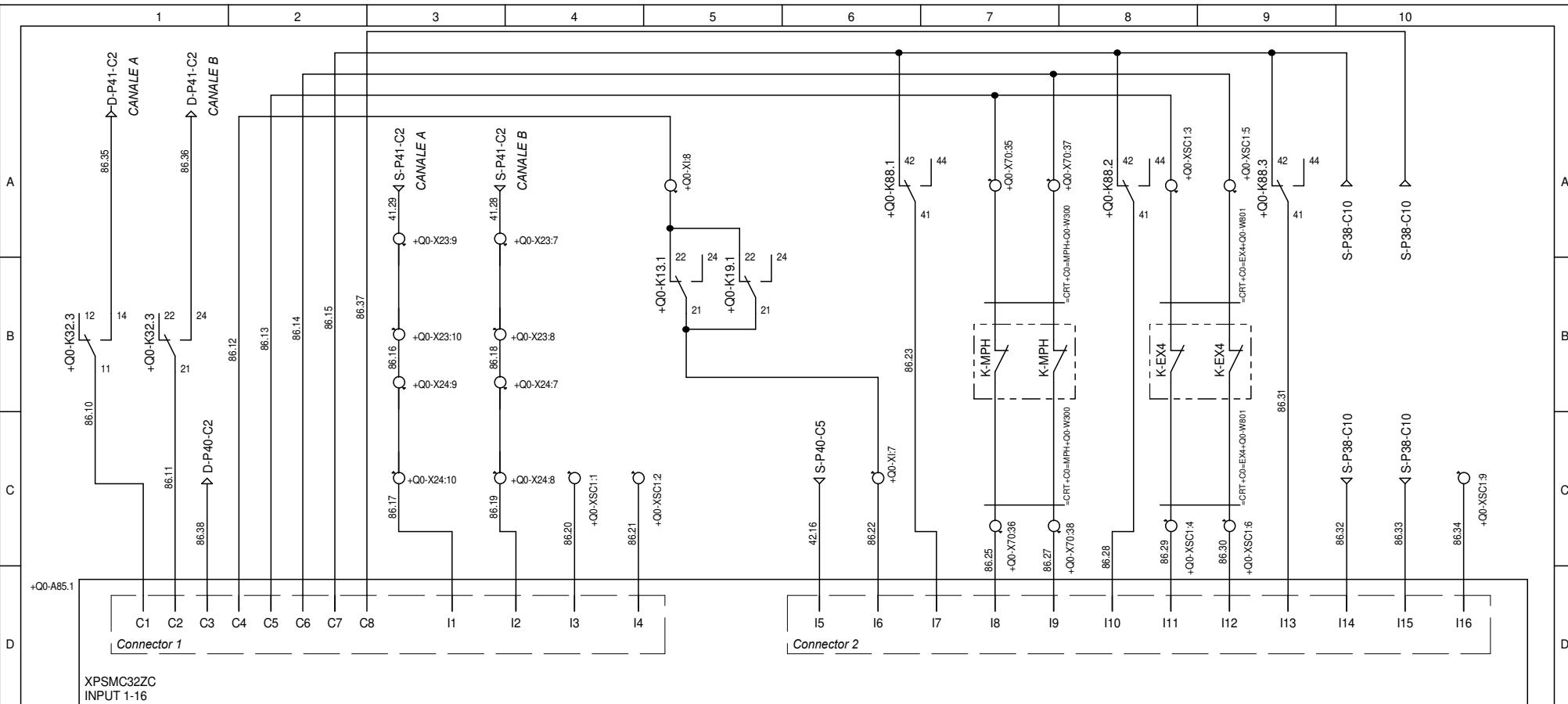
Fosber	fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it	CREST DISTRIBUZIONE TERRA MACCHINA DISTRIBUCIÓN TIERRA MÁQUINA	customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
			job nr.	4607	REV			proj. sect.	=CRT+Q0
			serial nr.	COM17312	DEF			page	84 of 143



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CREST
CONFIGURATORE DI SICUREZZA
CONFIGURADOR DE SEGURIDAD



EMERGENZA INTERNA CANALE A
EMERGENZA INTERNA CANALE B

EMERGENZA INTERNA CANALE B
EMERGENZA INTERNA CANALE A

INGRESSO DI SICUREZZA DISPONIBILE
ENTRADA DE SEGURIDAD DISPONIBLE

INGRESSO DI SICUREZZA DISPONIBILE
ENTRADA DE SEGURIDAD DISPONIBLE

SERIE DI RIPRISTINO
MODULO DI SICUREZZA
SERIE DE RESTABLECIMIENTO
MODULO DE SEGURIDAD
VELOCITÀ⁰
VELOCIDAD 0

SORVEGLIANZA RELÉ DI
DUPLICAZIONE USCITA DI SICUREZZA
REDUNDANTE SALIDA SEGURIDAD
RIPARI DI SICUREZZA
TRANCOLLOTORE E TERRA CHIUSI

RIPARI DI SICUREZZA
TRA INCOLLATORE E TERRA CHIUSI

SORVEGLIANZA RELÉ DI
DUPLICAZIONE USCITA DI SICUREZZA
REDUNDANTE SALIDA SEGURIDAD
TRANCOLLOTORE E PIANI CALI DI CHIUSI
REGUARDOS ENFE
ENCOLADORA MESA CALIENTES CERRADAS
RIPARI DI SICUREZZA
TRANCOLLOTORE E PIANI CALDI CHIUSI
REGUARDOS ENFE
ENCOLADORA Y MESA CALIENTES CERRADAS
SORVEGLIANZA RELÉ DI
DUPLICAZIONE USCITA DI SICUREZZA
REDUNDANTE SALIDA SEGURIDAD
VELOCITA' PIANI SOTTO
VEL. SICURA CANALE A

VELOCITA' PIANI SOTTO
VEL. SICURA CANALE B

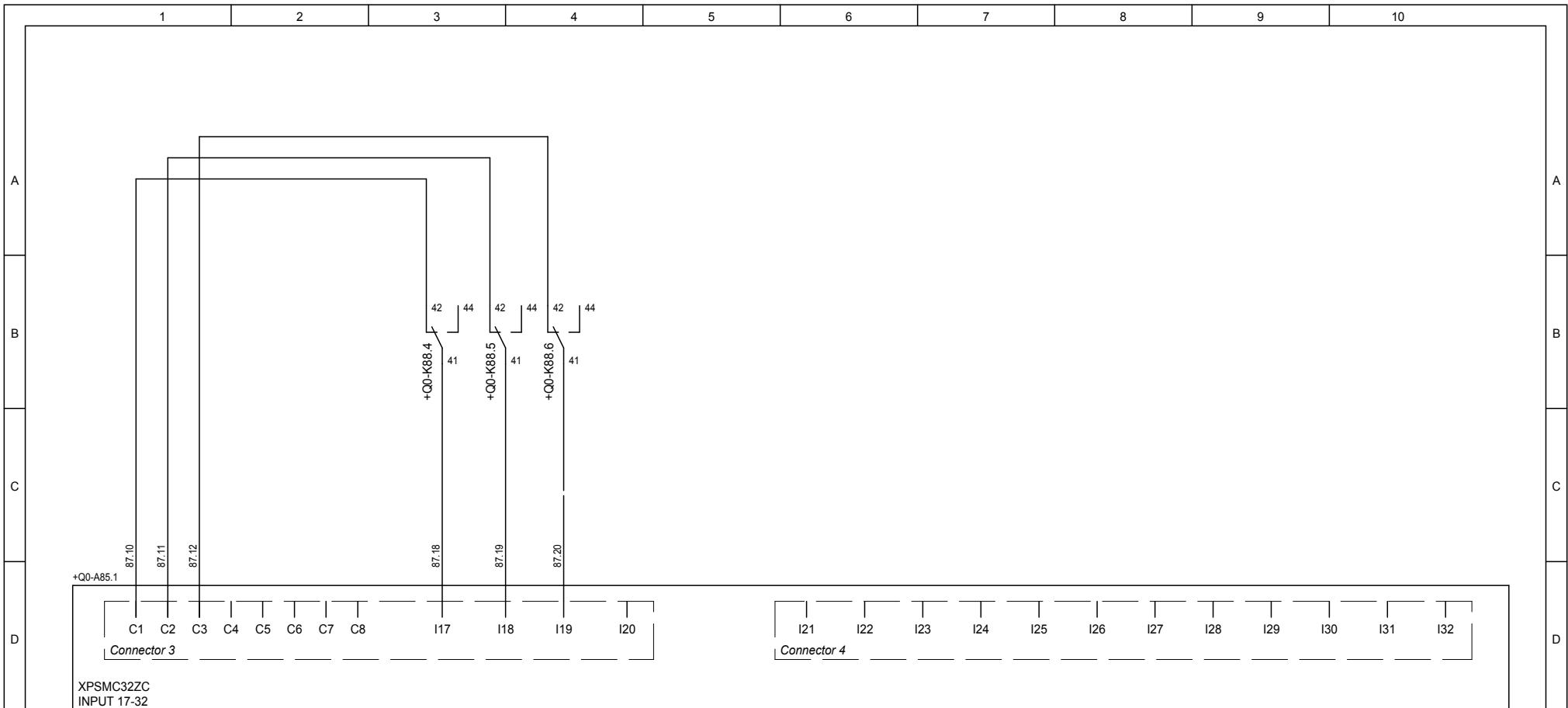
INGRESSO DI SICUREZZA DISPONIBILE
ENTRADA DE SEGURIDAD DISPONIBLE

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CREST
CONFIGURATORE DI SICUREZZA
CONFIGURADOR DE SEGURIDAD

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	86 of 143



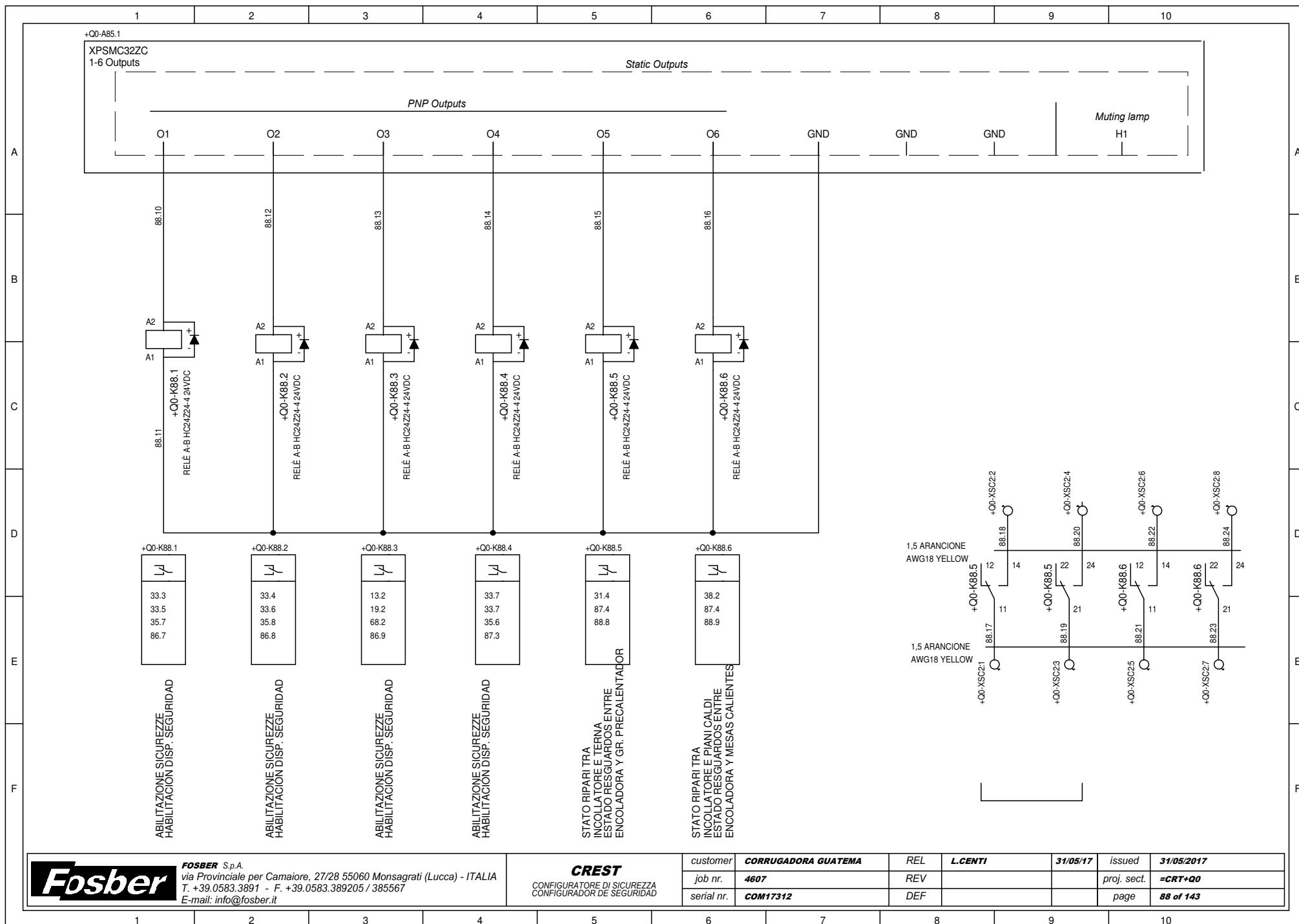
SORVEGLIANZA RELÉ DI
DUPLICAZIONE USCITA DI SICUREZZA
REDUNDANTES SALIDA SEGURIDAD
SORVEGLIANZA RELÉ DI
DUPLICAZIONE USCITA DI SICUREZZA
REDUNDANTES SALIDA SEGURIDAD
SORVEGLIANZA RELÉ DI
DUPLICAZIONE USCITA DI SICUREZZA
REDUNDANTES SALIDA SEGURIDAD



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CREST
CONFIGURATORE DI SICUREZZA
CONFIGURADOR DE SEGURIDAD

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	87 of 143



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CREST
PROCARE

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	89 of 143

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CREST
PROCARE

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	90 of 143

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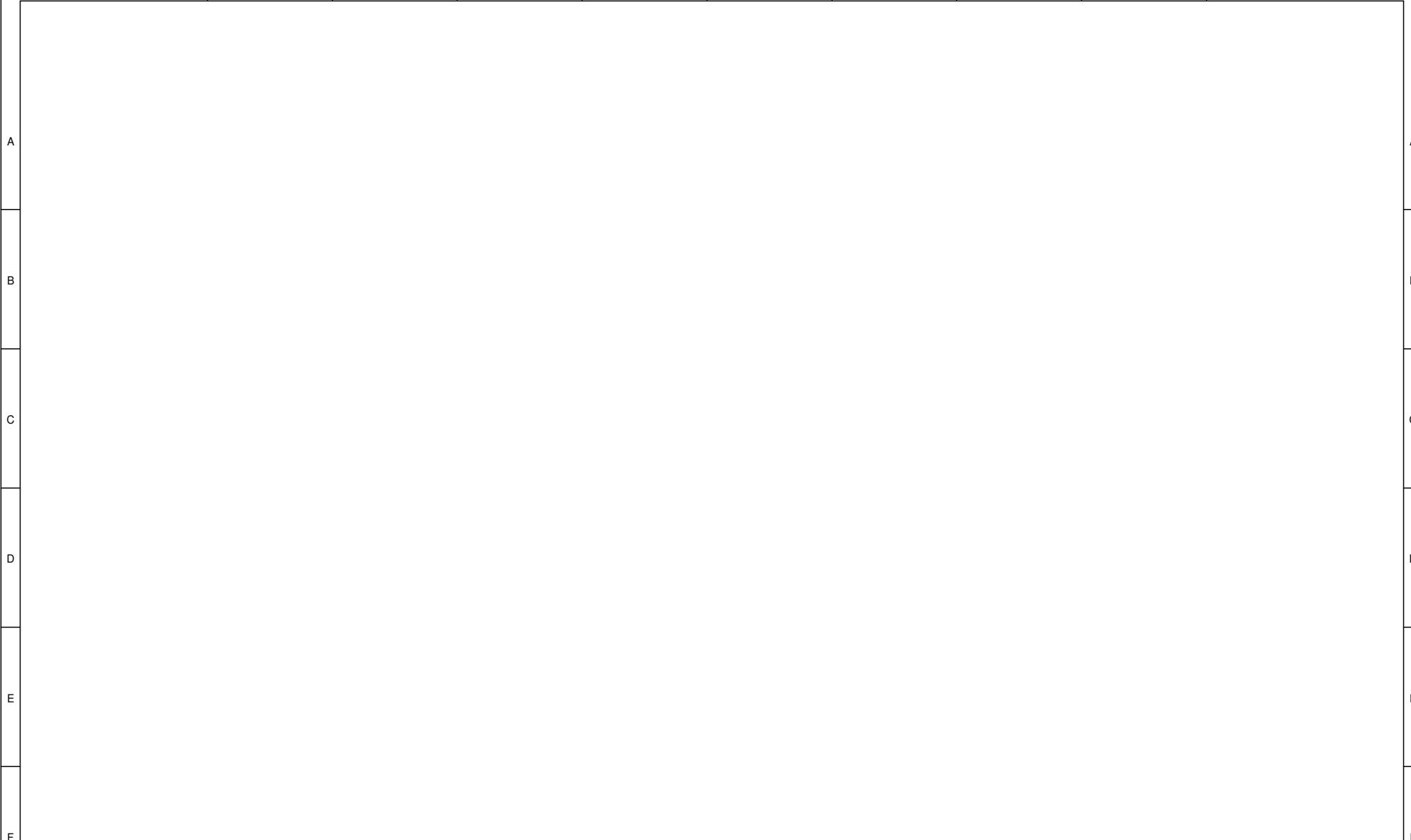
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CREST
PROCARE

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	91 of 143

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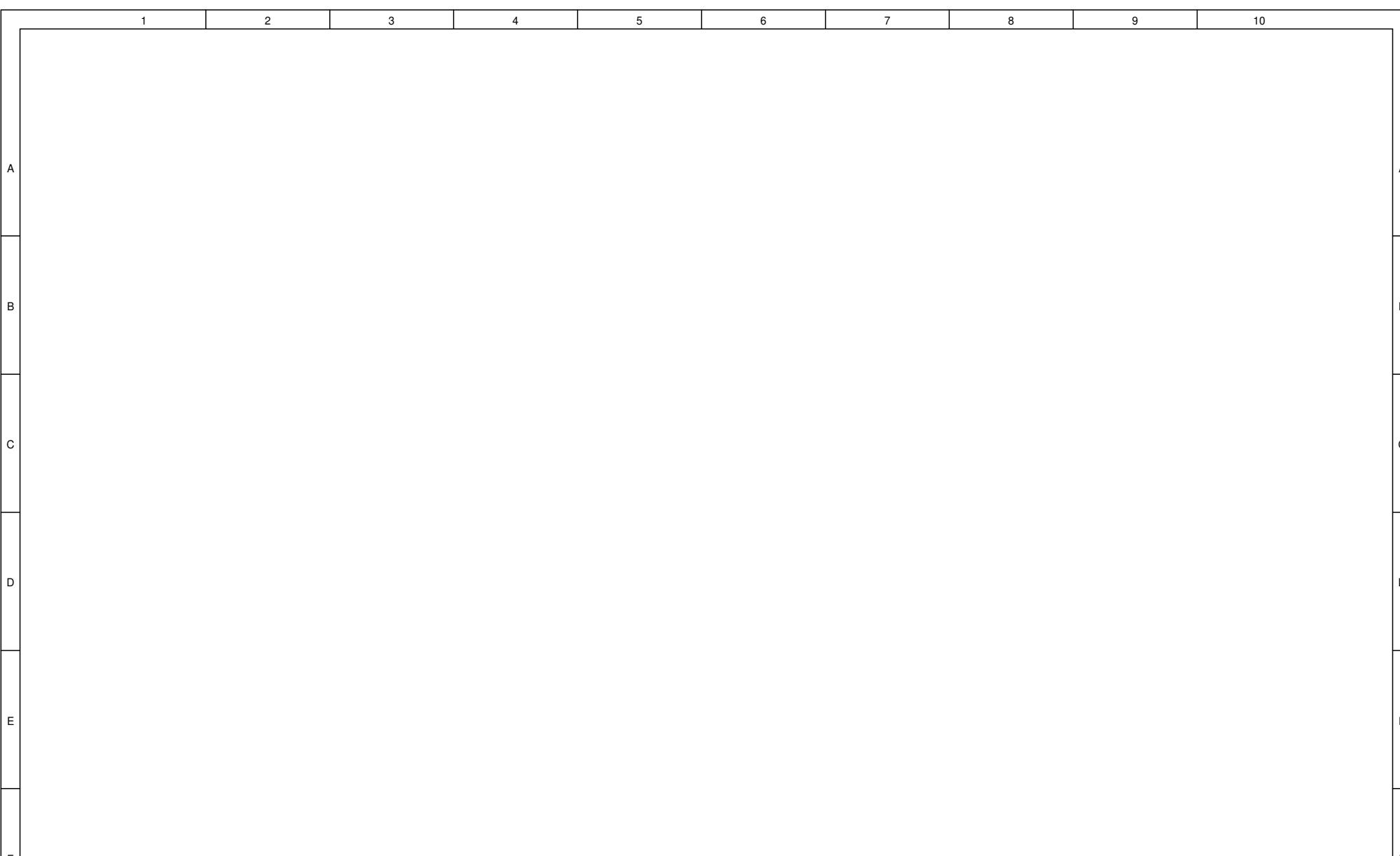
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CREST
PROCARE

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	92 of 143

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CREST
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job nr.	4607	REV			proj. sect.	=CRT+Q0
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CREST
PROCARE

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	94 of 143

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CREST
PROCARE

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job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	95 of 143

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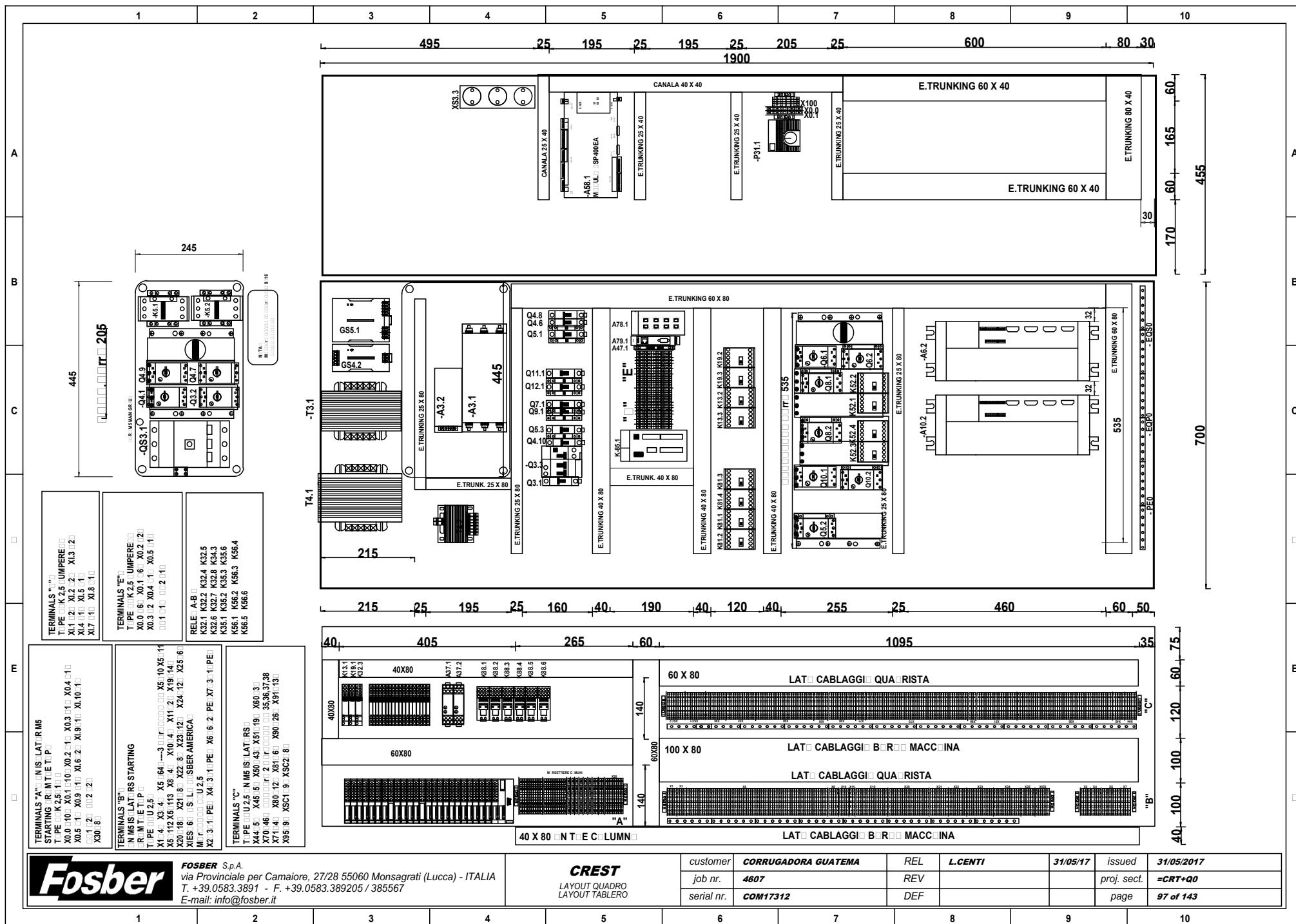


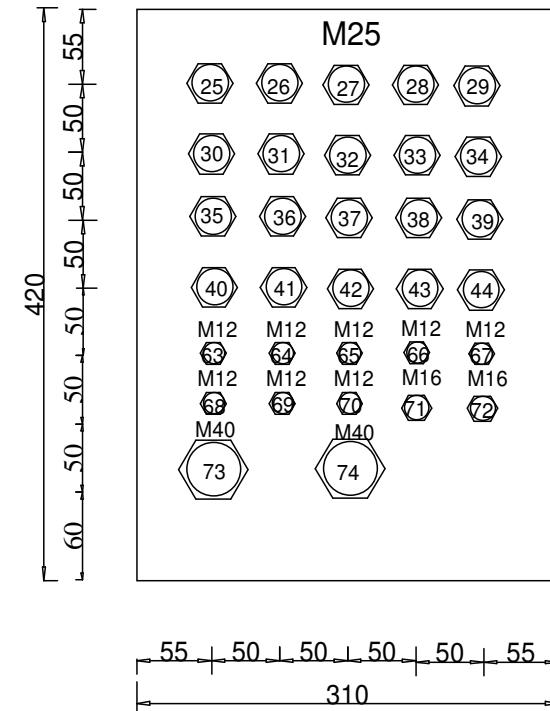
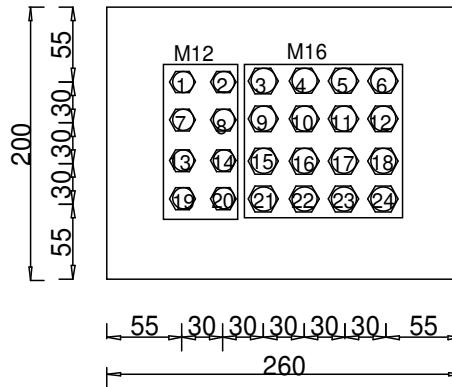
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CREST
PROCARE

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serial nr.	COM17312	DEF			page	96 of 143

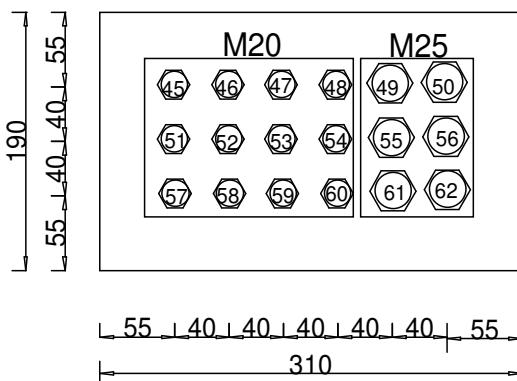
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74:pressacavo M40:cavo +Q0-W24

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CREST
LAYOUT SOTTOQUADRO
LAYOUT SUBCUADRO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	98 of 143

	1	2	3	4	5	6	7	8	9	10
TOTAL CABLES ON MACHINE PANEL =CRT +Q0										
	Nr.	INITIAL	CODE	TYPE	Ø (mm)	LENGTH (mt)	DESCRIPTION	START	ARRIVAL	TERMINAL BOX
A	1	+Q0-W01	31050252	TECNIFLEX 4G4 ST UNEL		10	GLUE MOTOR LEVEL 1	+Q0-A6.2	+Q0-M6.1	DIRECT
	2	+Q0-W02	31050097	OR PMX-ST(2X0,34)		10	GLUE MOTOR THERMAL PLATE LEVEL 1	+Q0-A6.2	+Q0-ST6.1	DIRECT
	3	+Q0-W03	31050098	OR PMX(4(2X0,34)STR)STR		10	GLUE MOTOR RESOLVER LEVEL 1	+Q0-A6.2	+Q0-B6.1	DIRECT
	4	+Q0-W04	31051266	TECNIFLEX 4G1.5 MM2		10	GLUE FAN MOTOR LEVEL 1	+Q0-Q6.2	+Q0-M6.2	+Q0-X2
	5	+Q0-W06	31051260	TECNIFLEX 3G1 MM2		10	GLUE GAP JACK MOTOR LEVEL 1		+Q0-M7.1	+Q0-X1
	6									
B	7	+Q0-W08	31051266	TECNIFLEX 4G1.5 MM2		10	MOTOR- GLUE DAM LX	+Q0-K52.1	+Q0-M8.1	+Q0-X6
	8									
	9	+Q0-W10	31051266	TECNIFLEX 4G1.5 MM2		7	MOTOR- GLUE DAM RX	+Q0-K52.3	+Q0-M8.2	+Q0-X6
	10									
	11	+Q0-W12	31051260	TECNIFLEX 3G1 MM2		12	RIDER ROLL JACK MOTOR		+Q0-M9.1	+Q0-X1
	12	+Q0-W14	31050252	TECNIFLEX 4G4 ST UNEL		12	GLUE MOTOR LEVEL 2	+Q0-A10.2	+Q0-M10.1	DIRECT
C	13	+Q0-W15	31050097	OR PMX-ST(2X0,34)		12	GLUE MOTOR THERMAL PLATE LEVEL 2	+Q0-A10.2	+Q0-ST10.1	DIRECT
	14	+Q0-W16	31050098	OR PMX(4(2X0,34)STR)STR		12	GLUE MOTOR RESOLVER LEVEL 2	+Q0-A10.2	+Q0-B10.1	DIRECT
	15	+Q0-W17	31051266	TECNIFLEX 4G1.5 MM2		12	GLUE FAN MOTOR LEVEL 2	+Q0-Q10.2	+Q0-M10.2	+Q0-X4
	16	+Q0-W19	31051260	TECNIFLEX 3G1 MM2		12	GLUE GAP JACK MOTOR LEVEL 2		+Q0-M11.1	+Q0-X3
	17									
	18	+Q0-W21	31051260	TECNIFLEX 3G1 MM2			RIDER ROLL JACK MOTOR		+Q0-M12.1	+Q0-X3
D	19									
	20									
	21	+Q0-W26	31050116	CEAM FRAF 4X0,5 SCH		8	GLUE GAP LINEAR SENSOR LEVEL 1	+Q0-A23.15	+Q0-B53.3	+Q0-X5
	22	+Q0-W27	50010671	BKS-S115-PU-10			LEFT GLUE DAM BALLUFF TRANSDUCER - PAPER WIDTH	+Q0-A23.15	+Q0-B53.1	+Q0-X5
	23	+Q0-W28	50010670	BKS-S115-PU-05			RIGHT GLUE DAM BALLUFF TRANSDUCER - PAPER WIDTH	+Q0-A23.15	+Q0-B53.2	+Q0-X5
	24	+Q0-W29	31050116	CEAM FRAF 4X0,5 SCH			RIDER ROLL LINEAR SENSOR LEVEL 1	+Q0-A23.15	+Q0-B53.4	+Q0-X5
E	25	+Q0-W30	31050116	CEAM FRAF 4X0,5 SCH		9	GLUE GAP LINEAR SENSOR LEVEL 2	+Q0-A23.21	+Q0-B82.1	+Q0-X5
	26	+Q0-W31	31050116	CEAM FRAF 4X0,5 SCH			RIDER ROLL LINEAR SENSOR LEVEL 2	+Q0-A23.21	+Q0-B82.2	+Q0-X5
	27									
	28									
	29	+Q0-W37	31050216	PMXX 7G0,5 MM2		17	LAMP ALARM	+Q0-A23.3	+Q0-HA34.1/+Q0-HB4.1 +Q0-H34.2/+Q0-H34.3	+Q0-X5
	30	+Q0-W38	32345080	PROLONGUE 90/90 883033I03M150			BALLUFF ANALOGIC SENSOR PAPER THICKNESS READING LEVEL 1	+Q0-A13.1	+Q0-SO13.1	+Q0-X5
F	31	+Q0-W39	32345080	PROLONGUE 90/90 883033I03M150			BALLUFF ANALOGIC SENSOR PAPER THICKNESS READING LEVEL 2	+Q0-A19.1	+Q0-SO19.1	+Q0-X5
	32	+Q0-W40	31051272	TECNIFLEX 7G1.5 MM2		5	SAETY GUARD CABINET SIDE <i>CLOSED</i>	+Q0-A23.11	+Q0-SA41.1	+Q0-X23
	33	+Q0-W41	31051272	TECNIFLEX 7G1.5 MM2		14	MOTORS' SAFETY GUARD LIMIT SWITCH-MAIN DOOR	+Q0-A23.11	+Q0-SA41.2	+Q0-X24
	34	+Q0-W42	31051272	TECNIFLEX 7G1.5 MM2		14	MOTORS' SAFETY GUARD LIMIT SWITCH-SECONDARY DOOR	+Q0-A23.11	+Q0-SA41.3	+Q0-X25
	35	+Q0-W43	32345055	CONNEX.PROL 10MT BG12793-100			PRESSURE SWITCH, PHOTOCELL x PRESENCE LINER GLUE DAMS' PHOTOCELLS	+Q0-A48.4	+Q0-SP48.1, +Q0-B48.1 +Q0-B48.3, +Q0-B48.4, +Q0-B48.5	+Q0-X5

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CREST
CAVI BORDO MACCHINA
CABLES BORDO MAQUINA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	99 of 143

	1	2	3	4	5	6	7	8	9	10
TOTAL CABLES ON MACHINE PANEL =CRT +Q0										
	Nr.	INITIAL	CODE	TYPE	Ø (mm)	LENGTH (mt)	DESCRIPTION	START	ARRIVAL	TERMINAL BOX
A	36	+Q0-W44	32345055	CONNET.PROL 10MT BG12793-100			LOW SHOE SENSOR AND HIGH PAN GLUE PAN SENSORS	+Q0-A49.3	+Q0-SQ49.1, +Q0-SQ49.3 +Q0-SQ49.2, +Q0-SQ49.4	+Q0-X5
	37	+Q0-W45	31051261	CAVO TECNIFLEX 3G1.5 MM2 ARAN		8	GLUE PRESENCE ELECTRODE LEVEL 1	+Q0-A37.1	+Q0-B37.1 +Q0-B37.2	+Q0-X5
	38									+Q0-X5
	39									
	40									
	41	+Q0-W49	31051261	CAVO TECNIFLEX 3G1.5 MM2 ARAN		10	GLUE PRESENCE ELECTRODE LEVEL 2	+Q0-A37.2	+Q0-B37.3 +Q0-B37.4	+Q0-X5
B	42	+Q0-W50	31050116	CEAM FRAF 4X0.5 SCH			SPLICER SCRAP DETECTION SPlicer 1	+Q0-SQ61.1	+Q0-A58.1	+Q0-X95
	43	+Q0-W51	31050116	CEAM FRAF 4X0.5 SCH			SPLICER SCRAP DETECTION BRIDGE 1	+Q0-SQ61.2	+Q0-A58.1	+Q0-X95
	44	+Q0-W52	31050116	CEAM FRAF 4X0.5 SCH			SPLICER SCRAP DETECTION BRIDGE 2	+Q0-SQ61.3	+Q0-A58.1	+Q0-X95
	45									
	46									
	47									
C	48									
	49									
	50									
	51									
	52									
	53	+Q0-W61	31051272	TECNIFLEX 7G1.5 MM2		7	BOARD PRESENCE PHOTOCELL	+Q0-A13.1 / +Q0-A19.1	+Q0-B13.1 / +Q0-B19.1	+Q0-X5
D	54									
	55									
	56									
	57									
	58									
	59									
E	60									
	61									
	62									
	63									
	64									
	65									
F	66									
	67									
	68	+Q0-W80A	31050227	YELLOW-GREEN 16 MM2 CABLE		1	GROUND CONNECTION	+Q0 ELECTRIC PANEL	MACHINE STRUCTURE	DIRECT
	69	+Q0-W80B	31050227	YELLOW-GREEN 16 MM2 CABLE		1	GROUND CONNECTION	+Q0 ELECTRIC PANEL	MACHINE STRUCTURE	DIRECT
	70									

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CREST
CAVI BORDO MACCHINA
CABLES BORDO MAQUINA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	100 of 143

1	2	3	4	5	6	7	8	9	10
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TOTAL CABLES ON MACHINE PANEL =CRT +Q0

	Nr.	INITIAL	CODE	TYPE	Ø (mm)	LENGTH (mt)	DESCRIPTION	START	ARRIVAL	TERMINAL BOX
A	36									
	37									
	38									
	39									
	40									
	41									
B	42									
	43									
	44									
	45									
	46									
	47									
C	48									
	49									
	50									
	51									
	52									
D	53									
	54									
	55									
	56									
	57									
E	58									
	59									
	60									
	61									
	62									
F	63									
	64									
	65									
	66									
	67									
	68									
	69									
	70									



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CREST
CAVI BORDO MACCHINA
CABLES BORDO MAQUINA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	101 of 143

1	2	3	4	5	6	7	8	9	10
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1	2	3	4	5	6	7	8	9	10	
TOTAL INTERCONNECTION PANEL CABLES =CRT +Q0										
Nr.	INITIAL	CODE	TYPE	Ø(mm)	LENGTH(m)	DESCRIPTION	START	ARRIVAL	TERMINAL BOX	TYPE OF NET
100						+C0				
101	+Q0+C0-W10	31051266	TECNIFLEX 4G1.5 MM2		13	AUXILIARIES FOR CONSOLE +C0	+Q0	+C0	+Q0-X10	POWER, AUXILIARIES
102	+C0+Q0-W20	31051242	TECNIFLEX 16G1.5 MM2		13	EMERGENCY FROM CONSOLE +C0	+C0	+Q0	+Q0-X20	LOGIC, EMERGENCY/INTERFACE
103	+Q0+C0-W30	51294887	DEVICE NET TRUNK OR.FR		13	CAN OPEN COMMUNICATION FOR CONSOLE +C0	+Q0	+C0	+Q0-X30	LOGIC, CAN OPEN
104	+Q0+C0-W50	31051278	TECNIFLEX 25G1 MM2		13	BUTTONS, SELECTORS AND LAMPS FROM CONSOLE +C0	+Q0	+C0	+Q0-X50	LOGIC, SIGNALS
105	+Q0+C0-W50A	31051278	TECNIFLEX 25G1 MM2		13	BUTTONS, SELECTORS AND LAMPS FROM CONSOLE +C0	+Q0	+C0	+Q0-X50/+Q0-X71	LOGIC, SIGNALS
106										
107	+Q0+C0-W32	31052086	(2X2XAWG24)SN/ST PVC ETH*			ETHERNET FOR PLUG	+Q0	+C0		LOGIC, ETHERNET
108										
109										
110										
111										
112						+B0				
113	+Q0+B0-W11	31051266	TECNIFLEX 4G1.5 MM2		13	AUXILIARIES FOR BOX +B0	+Q0	+B0	+Q0-X11	POWER, AUXILIARIES
114	+Q0+B0-W51	31051278	TECNIFLEX 25G1 MM2		13	DEVICES ON MACHINE	+Q0	+B0	+Q0-X51/+B0-X51	LOGIC, SIGNALS
115						=EXP+Q0 / =EX4+Q0				
116										
117	=EX4+Q0 =CRT+Q0-W801	31051278	TECNIFLEX 25G1 MM2			HARDWARE INTERFACE	=EXP+Q0	=CRT+Q0	+Q0-X70/+Q0-X20 +Q0-XSC1	LOGIC, INTERFACE
118										
119						=EXP+C0				
120										
121										
122										
123						=MPH+Q0				
124	=MPH+Q0 =CRT+Q0-W300	31051273	TECNIFLEX 12G1 MM2			ELECTRICAL SAFETY INTERFACE	=CRT+Q0	=MPH+Q0	+Q0-X70	LOGIC, INTERFACE
125						=SYC				
126	=SYC+B1+B0-W01	31050010	SAB BROCKSKES OCYZ-J 3X1			RECEIPT 24Vdc FOR DSP400 SUPPLY	=SYC+B1	=CRT+Q0(+B0 SYNCRO)	+Q0-X100	LOGIC, AUXILIARY
127	=SYC+B1+B0-W03	31050010	SAB BROCKSKES OCYZ-J 3X1			RECEIPT 24Vdc FOR DSP400 I/O	=SYC+B1	=CRT+Q0(+B0 SYNCRO)	+Q0-X100	LOGIC, AUXILIARY
128	=SYC+B30+B0-W01	31052086	(2X2XAWG24)SN/ST PVC ETH*			ETHERNET CONNECTION FOR DSP400	=SYC+B30	=CRT+Q0(+B0 SYNCRO)	+Q0-A58.1	LOGIC, ETHERNET
129										
130	=SYC+B30+B0-W03	31052086	(2X2XAWG24)SN/ST PVC ETH*			ETHERNET CONNECTION FOR DSP400 TASTATORE	=SYC+B30	=CRT+Q0(+B0 SYNCRO)	+Q0-A75.1	LOGIC, ETHERNET
131						=MOD				
132	=MOD+B1-W02	31052086	(2X2XAWG24)SN/ST PVC ETH*			ETHERNET CONNECTION FOR MODEM	=TP2+Q0	=CRT+Q0	+Q0-A78.1	LOGIC, ETHERNET
133						=SC4				
134	=SC4+Q0 =CRT+Q0-W900	31051276	TECNIFLEX 10G1.5 MM2			EMERGENCY LINE CRT	=SC4+Q0	=CRT+Q0	+Q0-X19	EMERGENCY
Fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it				CREST CAVI DI INTERCONNESSIONE CABLES DE INTERCONEXIÓN		customer job nr. serial nr.	CORRUGADORA GUATEMA REV DEF	REL L.CENTI DEF	31/05/17 proj. sect. page	issued =CRT+Q0 102 of 143
1	2	3	4	5	6	7	8	9	10	

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CREST
MORSETTERA +Q0-
BORNERRA +Q0-X1

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CREST
MORSETTIERA +Q0-X1
BORNERA +Q0-Y10

	customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
	job nr.	4607	REV			proj. sect.	=CRT+Q0
	serial nr.	COM17312	DEF			page	104 of 143

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CREST
MORSETTIERA +Q0-X10
BORNERIA +T0-Y100

Fosber	FOSBER S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it	CREST MORSETTIERA +Q0-X100 BORNERA +T0-X100	customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
			job nr.	4607	REV			proj. sect.	=CRT+Q0
			serial nr.	COM17312	DEF			page	105 of 143

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CREST
MORSETTIERA +Q0-X1
BORNERA +Q0-X11

<i>customer</i>	CORRUGADORA GUATEMA	<i>REL</i>	<i>L.CENTI</i>	<i>31/05/17</i>	<i>issued</i>	<i>31/05/2017</i>
<i>job nr.</i>	4607	<i>REV</i>			<i>proj. sect.</i>	=CRT+Q0
<i>serial nr.</i>	COM17312	<i>DEF</i>			<i>page</i>	106 of 143

TERMINAL BOX, CONNECTOR

+Q0-X19



A	B	C	D	E	F
---	---	---	---	---	---

1	2	3	4	5	6	7	8	9	10
A	B	C	D	E	F				
INSIDE CABINET COMPONENT									
PIN									
NUM.B OF TERMINAL									
NUMBER OF WIRE									
OUTSIDE CABINET COMPONENT									
PIN									
DESCRIPTION									
CABLE									
NUMBER, COLOR									
+Q0-X25	2	1	41.12			EMERGENCY FROM EXTERNAL CH. A	=SC4+Q0=CRT+Q0-W900	1	
						EMERGENCY FROM EXTERNAL CH. A	=SC4+Q0=CRT+Q0-W900	2	
+Q0-X25	4	3	41.16			EMERGENCY FROM EXTERNAL CH. B	=SC4+Q0=CRT+Q0-W900	3	
						EMERGENCY FROM EXTERNAL CH. B	=SC4+Q0=CRT+Q0-W900	4	
+Q0-X20	5	5	41.18			EMERGENCY FOR EXTERNAL CHAN.A	=SC4+Q0=CRT+Q0-W900	5	
						EMERGENCY FOR EXTERNAL CHAN.A	=SC4+Q0=CRT+Q0-W900	6	
+Q0-X20	6	6	41.19			EMERGENCY FOR EXTERNAL CHAN.B	=SC4+Q0=CRT+Q0-W900	7	
						EMERGENCY FOR EXTERNAL CHAN.B	=SC4+Q0=CRT+Q0-W900	8	
+Q0-X20	7	7	41.20			F-STOP FOR EXTERNAL		9	
						F-STOP FOR EXTERNAL		10	
+Q0-K39.1	23	9	41.26			N-STOP FOR EXTERNAL		11	
						N-STOP FOR EXTERNAL		12	
+Q0-K35.1	14	11	41.27			E-STOP TO SUPERVISOR		13	
						E-STOP TO SUPERVISOR		14	
+Q0-X20	11	13	41.24						
+Q0-X20	12	14	41.25	+Q0-A58.1	+				

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CREST
MORSETTIERA +Q0-X19
BORNERA +Q0-X19

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	107 of 143

1	2	3	4	5	6	7	8	9	10
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CREST
MORSETTERA +Q0-
BORNERA +Q0-X?

TERMINAL BOX, CONNECTOR

+Q0-X20



A	B	C	D	E	F
---	---	---	---	---	---

1	2	3	4	5	6	7	8	9	10
INSIDE CABINET COMPONENT				OUTSIDE CABINET COMPONENT					
PIN				NUMBER OF WIRE					
NUMBER OF TERMINAL				PIN					
DESCRIPTION				CABLE					
NUMBER, COLOR				NUMBER, COLOR					
+Q0-K32.3	11	1	86.35	E-STOP FROM +Q0 (CHANNEL A)					
		2	42.10	E-STOP FROM +C0 (CHANNEL A)					
		3	86.36	E-STOP FROM +Q0 (CHANNEL B)					
		4	42.11	E-STOP FROM +C0 (CHANNEL B)					
+Q0-X19	5	5	41.18	E-STOP FOR EXT FROM +Q0 (CHANNEL A)					
+Q0-X19	6	6	41.19	E-STOP FOR EXT FROM +Q0 (CHANNEL B)					
+Q0-X19	7	7	41.20	E-STOP FOR EXT FROM +C0 (CHANNEL A)					
+Q0-X19	8	8	41.21	E-STOP FOR EXT FROM +C0 (CHANNEL B)					
+Q0-K13.1	14	9	40.14	MACHINE RESET					
+Q0-K39.1	S34	10	86.39	MACHINE RESET					
+Q0-X19	13	11	41.24	E-STOP TO SUPERVISOR					
+Q0-X19	14	12	41.25	E-STOP TO SUPERVISOR					
+Q0-A23.16	5	13	30.16	TREADING PAPER CONSENT FROM EXPRESS					
+Q0-Q4.3	2	14	X0.1	TREADING PAPER CONSENT FROM EXPRESS					
+Q0-A85.1	15	86.15	DOUBLE BACKER SPEED LESS OF THE SAFETY SPEED LIMIT CH. A						=EX4+Q0=CRT+Q0-W801
+Q0-A85.1	16	86.32	DOUBLE BACKER SPEED LESS OF THE SAFETY SPEED LIMIT CH. A						=EX4+Q0=CRT+Q0-W801
+Q0-A85.1	17	86.37	DOUBLE BACKER SPEED LESS OF THE SAFETY SPEED LIMIT CH. B						=EX4+Q0=CRT+Q0-W801
+Q0-A85.1	18	86.33	DOUBLE BACKER SPEED LESS OF THE SAFETY SPEED LIMIT CH. B						=EX4+Q0=CRT+Q0-W801

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CREST
MORSETTIERA +Q0-X20
BORNERA +Q0-X20

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	109 of 143

TERMINAL BOX, CONNECTOR

+Q0-X21



A	B	C	D	E	F
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1	2	3	4	5	6	7	8	9	10			
				INSIDE CABINET COMPONENT								
				PIN	NUMB.OF TERMINAL							
				OUTSIDE CABINET COMPONENT		PIN	DESCRIPTION					
						CABLE						
						NUMBER, COLOR						
				+Q0-X5	83	1	34.18	+Q0-K43.1	(+)	ELECTRIC GUARD SWITCH BETWEEN CREST AND PREHEATERS-SIDE RX	+Q0-W55	1
				+Q0-QS3.1	D2	2	X0.0	+Q0-K43.1	(-)	ELECTRIC GUARD SWITCH BETWEEN CREST AND PREHEATERS-SIDE RX	+Q0-W55	2
				+Q0-X70	35	3	86.13	+Q0-K43.1	11	ELECTRIC GUARD SWITCH BETWEEN CREST AND PREHEATERS-SIDE RX	+Q0-W55	3
				+Q0-X22	3	4	86.24	+Q0-K43.1	12	ELECTRIC GUARD SWITCH BETWEEN CREST AND PREHEATERS-SIDE RX	+Q0-W55	4
				+Q0-X70	37	5	86.14	+Q0-K43.1	21	ELECTRIC GUARD SWITCH BETWEEN CREST AND PREHEATERS-SIDE RX	+Q0-W55	5
				+Q0-X22	5	6	86.26	+Q0-K43.1	22	ELECTRIC GUARD SWITCH BETWEEN CREST AND PREHEATERS-SIDE RX	+Q0-W55	6
				+Q0-A23.18	3	7	31.11	+Q0-K43.1	31	ELECTRIC GUARD SWITCH BETWEEN CREST AND PREHEATERS-SIDE RX	+Q0-W55	7
				+Q0-X22	7	8	31.12	+Q0-K43.1	32	ELECTRIC GUARD SWITCH BETWEEN CREST AND PREHEATERS-SIDE RX	+Q0-W55	8
A	B	C	D	E	F							

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CREST
MORSETTIERA +Q0-X21
BORNERA +Q0-X21

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	110 of 143

1	2	3	4	5	6	7	8	9	10
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CREST
MORSETTIERA +Q0-X
BORNERA +Q0-Y22

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		job nr.	4607	REV			proj. sect.	=CRT+Q0
		serial nr.	COM17312	DEF			page	111 of 143

TERMINAL BOX, CONNECTOR

+Q0-X23



A	B	C	D	E	F
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1	2	3	4	5	6	7	8	9	10			
				INSIDE CABINET COMPONENT								
				PIN		NUMBER OF TERMINAL						
				OUTSIDE CABINET COMPONENT		PIN		DESCRIPTION				
						CABLE						
						NUMBER, COLOR						
				+Q0-X24	10	1	41.29	+Q0-SA41.1	11	E.C. SAFETY GUARD LIMIT SWITCH	+Q0-W40	1
				+Q0-X24	1	2	41.10	+Q0-SA41.1	12	E.C. SAFETY GUARD LIMIT SWITCH	+Q0-W40	2
				+Q0-X23	7	3	41.28	+Q0-SA41.1	21	E.C. SAFETY GUARD LIMIT SWITCH	+Q0-W40	3
				+Q0-X24	3	4	41.14	+Q0-SA41.1	22	E.C. SAFETY GUARD LIMIT SWITCH	+Q0-W40	4
				+Q0-A23.11	6	5	28.14	+Q0-SA41.1	31	E.C. SAFETY GUARD LIMIT SWITCH	+Q0-W40	5
				+Q0-X23	11	6	28.17	+Q0-SA41.1	32	E.C. SAFETY GUARD LIMIT SWITCH	+Q0-W40	6
				+Q0-X23	3	7	41.28	+Q0-SA39.1	11	CABINET GUARD LIMIT SWITCH 3 LEVELS	+Q0-W76	1
				+Q0-X24	7	8	86.18	+Q0-SA39.1	12	CABINET GUARD LIMIT SWITCH 3 LEVELS	+Q0-W76	2
				+Q0-K39.1	S22	9	41.29	+Q0-SA39.1	21	CABINET GUARD LIMIT SWITCH 3 LEVELS	+Q0-W76	3
				+Q0-X24	9	10	86.16	+Q0-SA39.1	22	CABINET GUARD LIMIT SWITCH 3 LEVELS	+Q0-W76	4
				+Q0-X23	6	11	28.17	+Q0-SA39.1	31	CABINET GUARD LIMIT SWITCH 3 LEVELS	+Q0-W76	5
				+Q0-Q4.3	2	12	X0.1	+Q0-SA39.1	32	CABINET GUARD LIMIT SWITCH 3 LEVELS	+Q0-W76	6

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CREST
MORSETTIERA +Q0-X23
BORNERA +Q0-X23

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	112 of 143

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CREST
MORSETTIERA +Q0-X24
BORNERIA +Q0-Y24

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	113 of 143

TERMINAL BOX, CONNECTOR

+Q0-X25



A B C D E F

1	2	3	4	5	6	7	8	9	10
+Q0-X25									
INSIDE CABINET COMPONENT								A	
PIN								B	
NUM.B OF TERMINAL								C	
NUMBER OF WIRE								D	
OUTSIDE CABINET COMPONENT								E	
PIN								F	
DESCRIPTION									
CABLE									
NUMBER, COLOR									

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CREST
MORSETTIERA +Q0-X25
BORNERA +Q0-X25

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	114 of 143

1 2 3 4 5 6 7 8 9 10

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CREST
MORSETTIERA +Q0-
BORNERA +Q0-Y3

	CUSTOMER	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	ISSUED	31/05/2017
	JOB NR.	4607	REV			PROJ. SECT.	=CRT+Q0
	SERIAL NR.	COM17312	DEF			PAGE	115 OF 143

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CREST
MORSETTIERA +Q0-X3
BORNERA +Q0-X30

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CREST
MORSETTERA +Q0-
BORNERRA +Q0-X4

TERMINAL BOX, CONNECTOR

+Q0-X44



**INSIDE CABINET
COMPONENT**

PIN

NUMB.OF TERMINAL

NUMBER OF WIRE

**OUTSIDE CABINET
COMPONENT**

PIN

DESCRIPTION

CABLE

NUMBER, COLOR

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

A

B

C

D

E

F

A

B

C

D

E

F

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CREST
MORSETTIERA +Q0-X44
BORNERA +T0-X44

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	118 of 143

1	2	3	4	5	6	7	8	9	10
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+Q0-X45

TERMINAL BOX, CONNECTOR

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CREST
MORSETTIERA +Q0-X45
BORNERA +T0-Y45

<i>customer</i>	CORRUGADORA GUATEMA	<i>REL</i>	<i>L.CENTI</i>	<i>31/05/17</i>	<i>issued</i>	<i>31/05/2017</i>
<i>job nr.</i>	4607	<i>REV</i>			<i>proj. sect.</i>	=CRT+Q0
<i>serial nr.</i>	COM17312	<i>DEF</i>			<i>page</i>	119 of 143

TERMINAL BOX, CONNECTOR

+Q0-X5



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CREST
MORSETTIERA +Q0-X5
BORNIERA +Q0-Y5

Fosber	fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it	CREST MORSETTIERA +Q0-X5 BORNERA +Q0-X5	customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
			job nr.	4607	REV			proj. sect.	=CRT+Q0
			serial nr.	COM17312	DEF			page	120 of 143

TERMINAL BOX, CONNECTOR

G5-X5-Q0-07+



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CREST
MORSETTIERA +Q0-X
BORNIERA +Q0-X5

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			job nr.	4607	REV			proj. sect.	=CRT+Q0
			serial nr.	COM17312	DEF			page	121 of 143

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CREST
MORSETTIERA +Q0-
BORNERA +Q0-XF

TERMINAL BOX, CONNECTOR

+Q0-X50



		INSIDE CABINET COMPONENT		NUMBER OF WIRE		OUTSIDE CABINET COMPONENT		PIN		DESCRIPTION	
										CABLE	
										NUMBER, COLOR	
8	+Q0-A23.5	2	1	25.10				EMERGENCY STOP PUSHBUTTON +C0	+Q0+C0-W50	1	
	+Q0-A23.5	3	2	25.11				FAST STOP PUSHBUTTON +C0	+Q0+C0-W50	2	
	+Q0-A23.5	4	3	25.12				NORMAL STOP PUSHBUTTON +C0	+Q0+C0-W50	3	
	+Q0-A23.5	6	4	25.13				SAFEGUARD KEYSWITCH NORMAL/SAFE +C0	+Q0+C0-W50	4	
	+Q0-A23.5	7	5	25.14				RAISE/LOWER BUTTON SHOERIDER ROLL LEVEL 1	+Q0+C0-W50	5	
	+Q0-A23.5	8	6	25.15				SELECTOR- INCREASE SPEED +C0	+Q0+C0-W50	6	
	+Q0-A23.5	9	7	25.16				SELECTOR- DECREASE LINE SPEED +C0	+Q0+C0-W50	7	
	+Q0-A23.7	2	8	26.10				RESTORE PUSHBUTTON +C0	+Q0+C0-W50	8	
	+Q0-A23.9	2	9	27.10				RAISE/LOWER BUTTON SHOERIDER ROLL LEVEL 2	+Q0+C0-W50	9	
	+Q0-A23.16	4	10	30.11				KEYSWITCH PAPER PASSAGE	+Q0+C0-W50	10	
	+Q0-K5.1	31	11	85.32				SAFETY GATE UNLOCK	+Q0+C0-W50	11	
	+Q0-A23.16	6	12	30.12				START PUSHBUTTON OPEN GLUE MACHINE +C0	+Q0+C0-W50	12	
	+Q0-A23.10	2	13	51.10				SELECTOR OPEN GLUE DAM SX	+Q0+C0-W50	13	
	+Q0-A23.10	3	14	51.11				SELECTOR CLOSE GLUE DAM SX	+Q0+C0-W50	14	
	+Q0-A23.18	8	15	31.17				R.P. GAP INCREASE SELECTOR LEVEL_1	+Q0+C0-W50	15	
	+Q0-A23.18	9	16	31.18				R.P. GAP DECREASE SELECTOR LEVEL_1	+Q0+C0-W50	16	
	+Q0-A23.17	4	17	80.12				SELECTOR INCREASE RIDER ROLL GAP LEVEL 2	+Q0+C0-W50	17	
	+Q0-A23.17	5	18	80.13				SELECTOR DECREASE RIDER ROLL GAP LEVEL 2	+Q0+C0-W50	18	
	+Q0-A13.1	E3	19	13.11				SELECTOR-AUTO-JOG STOP	+Q0+C0-W50	19	
	+Q0-A13.1	E4	20	13.12				SELECTOR-AUTO-JOG STOP	+Q0+C0-W50	20	
	+Q0-A19.1	E3	21	19.10				SELECTOR-AUTO-JOG STOP	+Q0+C0-W50	21	
	+Q0-A19.1	E4	22	19.11				SELECTOR-AUTO-JOG STOP	+Q0+C0-W50	22	
	+Q0-A23.18	7	23	31.16				GLUE/GAP CLOSING SELECTOR LEVEL_1	+Q0+C0-W50	23	
	+Q0-A23.18	6	24	31.15				GLUE/GAP OPENING SELECTOR LEVEL_1	+Q0+C0-W50	24	
	+Q0-A23.17	3	25	80.11				GLUE/GAP CLOSING SELECTOR LEVEL 2	+Q0+C0-W50A	1	
	+Q0-A23.17	2	26	80.10				GLUE/GAP OPENING SELECTOR LEVEL 2	+Q0+C0-W50A	2	
	A		B	C	D	E	F				

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CREST
MORSETTIERA +Q0-X50
BORNERA +Q0-X50

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	123 of 143

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E-mail: info@fosber.it

CREST
MORSETTIERA +Q0-X5
BORNERA +Q0-X50

TERMINAL BOX, CONNECTOR

+Q0-X51



A	B	C	D	E	F
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1	2	3	4	5	6	7	8	9	10		
INSIDE CABINET COMPONENT				PIN		NUMBER OF TERMINAL					
				NUMBER OF WIRE		OUTSIDE CABINET COMPONENT		PIN			
				DESCRIPTION				CABLE			
								NUMBER, COLOR			

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CREST
MORSETTIERA +Q0-
BORNERIA +Q0-X6

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CREST
MORSETTERA +Q0-X6
BORNERA +Q0-X60

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			job nr.	4607	REV			proj. sect.	=CRT+Q0
			serial nr.	COM17312	DEF			page	127 of 143

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CREST
MORSETTIERA +Q0-X
BORNERA +Q0-X

<i>customer</i>	CORRUGADORA GUATEMA	<i>REL</i>	<i>L.CENTI</i>	<i>31/05/17</i>	<i>issued</i>	<i>31/05/2017</i>
<i>job nr.</i>	4607	<i>REV</i>			<i>proj. sect.</i>	<i>=CRT+Q0</i>
<i>serial nr.</i>	COM17312	<i>DEF</i>			<i>page</i>	<i>128 of 143</i>

TERMINAL BOX, CONNECTOR

+Q0-X70



A		B		C		D		E		F	
INSIDE CABINET COMPONENT		PIN		NUMBER OF TERMINAL		NUMBER OF WIRE		OUTSIDE CABINET COMPONENT		DESCRIPTION	
		PIN		NUMBER OF TERMINAL		NUMBER OF WIRE		OUTSIDE CABINET COMPONENT		DESCRIPTION	
		PIN		NUMBER OF TERMINAL		NUMBER OF WIRE		OUTSIDE CABINET COMPONENT		DESCRIPTION	
		PIN		NUMBER OF TERMINAL		NUMBER OF WIRE		OUTSIDE CABINET COMPONENT		DESCRIPTION	
+Q0-K32.1		12		1		38.27		BLOCKS INCREASE SPEED		BLOCKS INCREASE SPEED	
+Q0-K32.1		11		2		38.26		BLOCKS INCREASE SPEED		BLOCKS INCREASE SPEED	
+Q0-K32.2		14		3		38.21		+Q0-A58.1		CONSENT TO RUN	
+Q0-K32.2		11		4		38.20		+Q0-Q4.5		CONSENT TO RUN	
+Q0-K32.4		14		5		38.23		+Q0-Q4.5		MACHINE READY	
+Q0-K32.4		11		6		38.22		+Q0-Q4.5		MACHINE READY	
+Q0-K32.5		14		7		38.11		+Q0-Q4.5		MOVING ROLL STAND RIGTH	
+Q0-K32.5		11		8		38.10		+Q0-Q4.5		MOVING ROLL STAND RIGTH	
+Q0-K32.6		14		9		38.13		+Q0-Q4.5		MOVING ROLL STAND LEFT	
+Q0-K32.6		11		10		38.12		+Q0-Q4.5		MOVING ROLL STAND LEFT	
+Q0-K32.7		14		11		38.16		+Q0-Q4.5		GLUE INFEEABLE	
+Q0-K32.7		11		12		38.15		+Q0-Q4.5		GLUE INFEEABLE	
+Q0-K35.2		14		15		38.25		+Q0-Q4.5		REQUEST PAPER PASS TO EXPRESS	
+Q0-K35.2		11		16		38.24		+Q0-Q4.5		REQUEST PAPER PASS TO EXPRESS	
+Q0-K35.3		14		17		38.29		+Q0-Q4.5		CONSENT TO OPEN GUARDS	
+Q0-K35.3		11		18		38.28		+Q0-Q4.5		CONSENT TO OPEN GUARDS	
+Q0-A23.7		3		23		26.11		K		3	
+Q0-Q4.5		2		24		X0.1		K		4	
+Q0-A23.16		8		29		30.15		K		3	
+Q0-Q4.5		2		30		X0.1		K		4	
K		3		31		30.13		+Q0-A23.16		7	
K		4		32		X0.1		+Q0-Q4.5		2	
K		3		33		29.10		+Q0-A23.14		8	
K		4		34		X0.1		+Q0-Q4.5		2	
+Q0-X21		3		35		86.13		+Q0-X21		+Q0-X21	
+Q0-X22		4		36		86.25		+Q0-X22		+Q0-X22	

TERMINAL BOX, CONNECTOR

+Q0-X70



1	2	3	4	5	6	7	8	9	10
A	B	C	D	E	F				
INSIDE CABINET COMPONENT									
PIN									
NUM.B OF TERMINAL									
NUMBER OF WIRE									
OUTSIDE CABINET COMPONENT									
PIN									
DESCRIPTION									
CABLE									
NUMBER, COLOR									
+Q0-X21	5	37	86.14			ELECTRIC SWITCH BETWEEN CREST AND TRIAD	=MPH+Q0-CRT+Q0-W300	3	
+Q0-X22	6	38	86.27			ELECTRIC SWITCH BETWEEN CREST AND TRIAD	=MPH+Q0-CRT+Q0-W300	4	
+Q0-K32.8	14	39	38.51			GLUE INFEED ENABLE			
+Q0-K32.8	11	40	38.50			GLUE INFEED ENABLE			
						RICONOSCIMENTO CARTUCCIA LIVELLO 1 - PRIMO BIT			
+Q0-X71	1	42	X0.1	K		RICONOSCIMENTO CARTUCCIA LIVELLO 1 - PRIMO BIT			
						RICONOSCIMENTO CARTUCCIA LIVELLO 1 - SECONDO BIT			
+Q0-X71	1	44	X0.1	K		RICONOSCIMENTO CARTUCCIA LIVELLO 1 - SECONDO BIT			
						RICONOSCIMENTO CARTUCCIA LIVELLO 1 - TERZO BIT			
+Q0-X71	1	46	X0.1	K		RICONOSCIMENTO CARTUCCIA LIVELLO 1 - TERZO BIT			
						RICONOSCIMENTO CARTUCCIA LIVELLO 2 - PRIMO BIT			
+Q0-X71	1	48	X0.1	K		RICONOSCIMENTO CARTUCCIA LIVELLO 2 - PRIMO BIT			
						RICONOSCIMENTO CARTUCCIA LIVELLO 2 - SECONDO BIT			
+Q0-X71	1	50	X0.1	K		RICONOSCIMENTO CARTUCCIA LIVELLO 2 - SECONDO BIT			
						RICONOSCIMENTO CARTUCCIA LIVELLO 2 - TERZO BIT			
+Q0-X71	1	52	X0.1	K		RICONOSCIMENTO CARTUCCIA LIVELLO 2 - TERZO BIT			

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CREST
MORSETTIERA +Q0-X70
BORNERA +Q0-X70

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	130 of 143

TERMINAL BOX, CONNECTOR

LZX-000+
1



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CREST
MORSETTIERA +Q0-X7
BORNIERA +T0-Y71

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			job nr.	4607	REV			proj. sect.	=CRT+Q0
			serial nr.	COM17312	DEF			page	131 of 143

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CREST
MORSETTIERA +Q0-X
BORNERA +Q0-X8

<i>customer</i>	CORRUGADORA GUATEMA	<i>REL</i>	<i>L.CENTI</i>	<i>31/05/17</i>	<i>issued</i>	<i>31/05/2017</i>
<i>job nr.</i>	4607	<i>REV</i>			<i>proj. sect.</i>	=CRT+Q0
<i>serial nr.</i>	COM17312	<i>DEF</i>			<i>page</i>	132 of 143

TERMINAL BOX, CONNECTOR

+Q0-X80



A B C D E F

1	2	3	4	5	6	7	8	9	10
INSIDE CABINET COMPONENT									
PIN									
NUM.B OF TERMINAL									
NUMBER OF WIRE									
OUTSIDE CABINET COMPONENT									
PIN									
DESCRIPTION									
+Q0-A71.5	2	1	57.10	+Q0-A58.1	+	ANALOGIC OUTPUT GLUE GAP LEVEL 1		1	
+Q0-A71.5	3	2	57.11	+Q0-A58.1	-	ANALOGIC OUTPUT GLUE GAP LEVEL 1		2	
			3			ANALOGIC OUTPUT GLUE GAP LEVEL 1			
+Q0-A71.5	4	4	57.13	+Q0-A58.1	+	ANALOGIC OUTPUT GLUE GAP LEVEL 2			
+Q0-A71.5	5	5	57.14	+Q0-A58.1	-	ANALOGIC OUTPUT GLUE GAP LEVEL 2			
			6			ANALOGIC OUTPUT GLUE GAP LEVEL 2			
+Q0-A71.5	6	7	57.16			ANALOGIC OUTPUT RIDER ROLL GAP LEVEL 1			
+Q0-A71.5	7	8	57.17			ANALOGIC OUTPUT RIDER ROLL GAP LEVEL 1			
			9			ANALOGIC OUTPUT RIDER ROLL GAP LEVEL 1			
+Q0-A71.5	8	10	57.19			ANALOGIC OUTPUT RIDER ROLL GAP LEVEL 2			
+Q0-A71.5	9	11	57.20			ANALOGIC OUTPUT RIDER ROLL GAP LEVEL 2			
			12			ANALOGIC OUTPUT RIDER ROLL GAP LEVEL 2			
CABLE									
NUMBER, COLOR									

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CREST
MORSETTIERA +Q0-X80
BORNERA +Q0-X80

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	133 of 143

1 2 3 4 5 6 7 8 9 10

TERMINAL BOX, CONNECTOR

+Q0-X81



**INSIDE CABINET
COMPONENT**

PIN

NUMB.OF TERMINAL

NUMBER OF WIRE

**OUTSIDE CABINET
COMPONENT**

PIN

DESCRIPTION

CABLE

NUMBER, COLOR

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

A

B

C

D

E

F

A

B

C

D

E

F

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CREST
MORSETTIERA +Q0-X81
BORNERA +T0-X81

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	134 of 143

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

TERMINAL BOX, CONNECTOR

06X-00+

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CREST
MORSETTIERA +Q0-X90
BORNERA +T0-X90

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		job nr.	4607	REV			proj. sect.	=CRT+Q0
		serial nr.	COM17312	DEF			page	135 of 143

TERMINAL BOX, CONNECTOR

+Q0-X91



	1	2	3	4	5	6	7	8	9	10	
A											INSIDE CABINET COMPONENT
B											PIN
C											NUM.B OF TERMINAL
D											NUMBER OF WIRE
E											OUTSIDE CABINET COMPONENT
F											PIN
											DESCRIPTION
											CABLE
											NUMBER, COLOR

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CREST
MORSETTIERA +Q0-X91
BORNERA +T0-X91

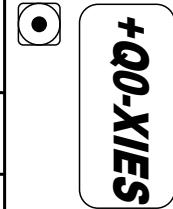
customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	136 of 143

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CREST
MORSETTERA +Q0-X95
TABLERO DE BORNES +Q0-X95

<i>customer</i>	CORRUGADORA GUATEMA	<i>REL</i>	<i>L.CENTI</i>	<i>31/05/17</i>	<i>issued</i>	<i>31/05/2017</i>
<i>job nr.</i>	4607	<i>REV</i>			<i>proj. sect.</i>	<i>=CRT+Q0</i>
<i>serial nr.</i>	COM17312	<i>DEF</i>			<i>page</i>	<i>137 of 143</i>



TERMINAL BOX, CONNECTOR

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CREST
MORSETTIERA +Q0-XIE
BORNERA +Q0-XIES

<i>customer</i>	CORRUGADORA GUATEMA	<i>REL</i>	<i>L.CENTI</i>	<i>31/05/17</i>	<i>issued</i>	<i>31/05/2017</i>
<i>job nr.</i>	4607	<i>REV</i>			<i>proj. sect.</i>	<i>=CRT+Q0</i>
<i>serial nr.</i>	COM17312	<i>DEF</i>			<i>page</i>	<i>138 of 143</i>

TERMINAL BOX, CONNECTOR

+Q0-XI



A B C D E F

1	2	3	4	5	6	7	8	9	10
A	B	C	D						
				INSIDE CABINET COMPONENT					
				PIN		NUMBER OF TERMINAL			
				OUTSIDE CABINET COMPONENT		PIN		DESCRIPTION	
								CABLE	
								NUMBER, COLOR	

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CREST
MORSETTERIA +Q0-XSC1
TABLERO DE BORNES +Q0-XS

	customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
	job nr.	4607	REV			proj. sect.	=CRT+Q0
1	serial nr.	COM17312	DEF			page	140 of 143

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CREST
MORSETTIERA +Q0-XSC2
TABLERO DE BORNES +Q0-XSC

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		job nr.	4607	REV			proj. sect.	=CRT+Q0
		serial nr.	COM17312	DEF			page	141 of 143

A	1	ELECTRICAL DRAWINGS SECTION	49	PNP BOX PINS AND RIDER ROLL	97	ELECTRICAL PANEL LAYOUT	A
	2	PAGE INTENTIONALLY LEFT BLANK	50	DIGITAL INPUTS	98	UNDER-BOARD LAY-OUT	
	3	LINE POWER FEEDS	51	DIGITAL INPUTS	99	CABLES ON MACHINE	
	4	AUXILIARY POWER SUPPLIES	52	RELAY OUTPUTS	100	CABLES ON MACHINE	
	5	POWER DISTRIBUTION DISCONNECTION	53	ANALOG INPUTS	101	CABLES ON MACHINE	
	6	GLUE ROLL AC DRIVES	54	DIGITAL INPUTS - HW IF	102	INTERCONNECTION CABLES	
	7	GLUE GAP CONTACTORS	55	DIGITAL INPUTS - HW IF	103	TERMINAL BOX +Q0-X1	
	8	GLUE DAMS CONTACTORS	56	DIGITAL OUTPUTS - HW IF	104	TERMINAL BOX +Q0-X10	
	9	PRESSURE ROLL GAP CONTACTORS	57	ANALOGIC OUTPUTS - HW IF	105	TERMINAL BOX +Q0-X100	
	10	GLUE ROLL AC DRIVES	58	SYNCRO - DSP400EA	106	TERMINAL BOX +Q0-X11	
B	11	GLUE GAP CONTACTORS	59	SYNCRO - DIGITAL INPUTS	107	TERMINAL BOX +Q0-X19	B
	12	PRESSURE ROLL GAP CONTACTORS	60	SYNCRO - DIGITAL OUTPUTS	108	TERMINAL BOX +Q0-X2	
	13	DRIVE I/O-GLUE ROLL	61	SENSORS ON MACHINE	109	TERMINAL BOX +Q0-X20	
	14	PAGE INTENTIONALLY LEFT BLANK	62	SYNCRO - DSP400EA	110	TERMINAL BOX +Q0-X21	
	15	PAGE INTENTIONALLY LEFT BLANK	63	SYNCRO - DIGITAL OUTPUTS	111	TERMINAL BOX +Q0-X22	
	16	PAGE INTENTIONALLY LEFT BLANK	64	SYNCRO - POWER FEED	112	TERMINAL BOX +Q0-X23	
	17	PAGE INTENTIONALLY LEFT BLANK	65	GLUE ROLL AC DRIVES	113	TERMINAL BOX +Q0-X24	
	18	PAGE INTENTIONALLY LEFT BLANK	66	GLUE GAP CONTACTORS	114	TERMINAL BOX +Q0-X25	
	19	DRIVE I/O-GLUE ROLL	67	PRESSURE ROLL GAP CONTACTORS	115	TERMINAL BOX +Q0-X3	
	20	DRIVE I/O-GLUE ROLL	68	DRIVE I/O-GLUE ROLL	116	TERMINAL BOX +Q0-X30	
C	21	DRIVE I/O-GLUE ROLL	69	PAGE INTENTIONALLY LEFT BLANK	117	TERMINAL BOX +Q0-X4	C
	22	PAGE INTENTIONALLY LEFT BLANK	70	PAGE INTENTIONALLY LEFT BLANK	118	TERMINAL BOX +Q0-X44	
	23	PLC CONFIGURATION	71	PLC CONFIGURATION	119	TERMINAL BOX +Q0-X45	
	24	CAN OPEN GATEWAY	72	DIGITAL INPUTS - HW IF	120	TERMINAL BOX +Q0-X5	
	25	DIGITAL INPUTS	73	DIGITAL OUTPUTS - HW IF	121	TERMINAL BOX +Q0-X5	
	26	DIGITAL INPUTS	74	ANALOGIC OUTPUTS - HW IF	122	TERMINAL BOX +Q0-X5	
	27	DIGITAL INPUTS	75	SYNCRO - DSP400EA	123	TERMINAL BOX +Q0-X50	
	28	DIGITAL INPUTS	76	SYNCRO - DIGITAL INPUTS	124	TERMINAL BOX +Q0-X50	
	29	DIGITAL INPUTS	77	SYNCRO - DIGITAL OUTPUTS	125	TERMINAL BOX +Q0-X51	
	30	DIGITAL INPUTS	78	ETHERNET SWITCH	126	TERMINAL BOX +Q0-X6	
D	31	DIGITAL INPUTS	79	CAN OPEN/ETH MODEM INTERFACE	127	TERMINAL BOX +Q0-X60	D
	32	DIGITAL OUTPUTS	80	DIGITAL INPUTS	128	TERMINAL BOX +Q0-X7	
	33	DIGITAL OUTPUTS	81	DIGITAL OUTPUTS	129	TERMINAL BOX +Q0-X70	
	34	DIGITAL OUTPUTS	82	ANALOG INPUTS	130	TERMINAL BOX +Q0-X70	
	35	DIGITAL OUTPUTS	83	SERIAL MOXA INTERFACE	131	TERMINAL BOX +Q0-X71	
	36	I/O MODULES POWER SUPPLY	84	GROUND DISTRIBUTION ON THE MACHINE	132	TERMINAL BOX +Q0-X8	
	37	REGULATOR OF LEVEL	85	SAFETY CONFIGURATOR	133	TERMINAL BOX +Q0-X80	
	38	INTERFACE EXTERNAL	86	SAFETY CONFIGURATOR	134	TERMINAL BOX +Q0-X81	
	39	CARTRIDGE ACKNOWLEDGMENT PROX	87	SAFETY CONFIGURATOR	135	TERMINAL BOX +Q0-X90	
	40	MACHINE RESET MANAGEMENT	88	SAFETY CONFIGURATOR	136	TERMINAL BOX +Q0-X91	
E	41	EMERGENCY FOR EXTERNAL	89	PROCARE	137	TERMINAL BOX +Q0-X95	E
	42	EMERGENCY STOP +CO MANAGE.	90	PROCARE	138	TERMINAL BOX +Q0-X1ES	
	43	ELECTRIC LOCK MANAGEMENT	91	PROCARE	139	TERMINAL BOX +Q0-XI	
	44	AUXILIARY VOLTAGE TRANSMISSION	92	PROCARE	140	TERMINAL BOX +Q0-XSC1	
	45	CAN OPEN CIRCUIT FOR +CO	93	PROCARE	141	TERMINAL BOX +Q0-XSC2	
	46	DEVICE NET FROM EXP AND TO TPH	94	PROCARE	142	ELECTRIC DIAGRAM INDEX	
	47	SPEED REF. FROM EXTERNAL	95	PROCARE	143	ELECTRIC DIAGRAM INDEX	
	48	PNP BOX GLUE DAMS	96	PROCARE			
F							F

A	SECCIÓN ESQUEMA ELÉCTRICO	49	CAJA PNP PERNOS PATINES Y CUBA	97	LAYOUT TABLERO	A
	PÁGINA DEJADA EN BLANCO	50	INGRESOS DIGITALES	98	LAYOUT SUBCUADRO	
	INGRESO ALIMENTACIÓN DI LÍNEA	51	INGRESOS DIGITALES	99	CABLES BORDO MÁQUINA	
	ALIMENTACIONES AUXILIARES	52	SALIDAS A RELÉ	100	CABLES BORDO MÁQUINA	
	DISTRIBUCION ALIMENTACION SECCIONADA	53	ENTRADAS ANALÓGICAS	101	CABLES BORDO MÁQUINA	
	DRIVE AC CILINDRO COLA	54	INGRESOS DIGITALES - IF HW	102	CABLES DE INTERCONEXIÓN	
	CONTACTORES GAP COLA	55	INGRESOS DIGITALES - IF HW	103	BORNERA +Q0-X1	
	CONTACTORES MAMPAROS	56	SALIDAS DIGITALES - IF HW	104	BORNERA +Q0-X10	
	CONTACTORES GAP CILINDRO COMPRESOR	57	SALIDAS ANALÓGICAS - IF HW	105	BORNERA +T0-X100	
	DRIVE AC CILINDRO COLA	58	SYNCRO - DSP400EA	106	BORNERA +Q0-X11	
	CONTACTORES GAP COLA	59	SYNCRO - INGRESOS DIGITALES	107	BORNERA +Q0-X19	
	CONTACTORES GAP CILINDRO COMPRESOR	60	SYNCRO - SALIDAS DIGITALES	108	BORNERA +Q0-X2	
	I/O INVERTER CILINDRO COLA	61	SENSORES BORDO MÁQUINA	109	BORNERA +Q0-X20	
	PÁGINA DEJADA EN BLANCO	62	SYNCRO - DSP400EA	110	BORNERA +Q0-X21	
	PÁGINA DEJADA EN BLANCO	63	SYNCRO - SALIDAS DIGITALES	111	BORNERA +Q0-X22	
	PÁGINA DEJADA EN BLANCO	64	SYNCRO - ALIMENTACIONES	112	BORNERA +Q0-X23	
	PÁGINA DEJADA EN BLANCO	65	DRIVE AC CILINDRO COLA	113	BORNERA +Q0-X24	
	PÁGINA DEJADA EN BLANCO	66	CONTACTORES GAP COLA	114	BORNERA +Q0-X25	
	I/O INVERTER CILINDRO COLA	67	CONTACTORES GAP CILINDRO COMPRESOR	115	BORNERA +Q0-X3	
	I/O INVERTER CILINDRO COLA	68	I/O INVERTER CILINDRO COLA	116	BORNERA +Q0-X30	
	I/O INVERTER CILINDRO COLA	69	PÁGINA DEJADA EN BLANCO	117	BORNERA +Q0-X4	
	PÁGINA DEJADA EN BLANCO	70	PÁGINA DEJADA EN BLANCO	118	BORNERA +T0-X44	
	CONFIGURACIÓN PLC	71	CONFIGURACIÓN PLC	119	BORNERA +T0-X45	
	GATEWAY CAN OPEN	72	INGRESOS DIGITALES - IF HW	120	BORNERA +Q0-X5	
	INGRESOS DIGITALES	73	SALIDAS DIGITALES - IF HW	121	BORNERA +Q0-X5	
	INGRESOS DIGITALES	74	SALIDAS ANALÓGICAS - IF HW	122	BORNERA +Q0-X5	
	INGRESOS DIGITALES	75	SYNCRO - DSP400EA	123	BORNERA +Q0-X50	
	INGRESOS DIGITALES	76	SYNCRO - INGRESOS DIGITALES	124	BORNERA +Q0-X50	
	INGRESOS DIGITALES	77	SYNCRO - SALIDAS DIGITALES	125	BORNERA +Q0-X51	
	INGRESOS DIGITALES	78	INTERRUPTOR ETHERNET	126	BORNERA +Q0-X6	
	INGRESOS DIGITALES	79	INTERFAZ CAN OPEN/ETH MODEM	127	BORNERA +Q0-X60	
	SALIDAS DIGITALES	80	INGRESOS DIGITALES	128	BORNERA +Q0-X7	
	SALIDAS DIGITALES	81	SALIDAS DIGITALES	129	BORNERA +Q0-X70	
	SALIDAS DIGITALES	82	ENTRADAS ANALÓGICAS	130	BORNERA +Q0-X70	
	SALIDAS DIGITALES	83	INTERFAZ SERIAL MOXA	131	BORNERA +T0-X71	
	ALIMENTADOR MÓDULOS I/O	84	DISTRIBUCION TIERRA MÁQUINA	132	BORNERA +Q0-X8	
	REGULADORES DE NIVEL	85	CONFIGURADOR DE SEGURIDAD	133	BORNERA +Q0-X80	
	INTERFAZ CON EXTERNO	86	CONFIGURADOR DE SEGURIDAD	134	BORNERA +T0-X81	
	RECONOCIMIENTO CARTUCHA	87	CONFIGURADOR DE SEGURIDAD	135	BORNERA +T0-X90	
	GESTIÓN RESTABLECIMIENTO MÁQUINA	88	CONFIGURADOR DE SEGURIDAD	136	BORNERA +T0-X91	
	EMERGENCIA PARA EXTERNO	89		137	TABLERO DE BORNES +Q0-X95	
	GESTIÓN E-STOP +C0	90		138	BORNERA +Q0-XIES	
	GESTIÓN ELECTROCERRADURAS	91		139	BORNERA +Q0-XI	
	TRANSMISIÓN AUXIL. PARA +C0/+B0	92		140	TABLERO DE BORNES +Q0-XSC1	
	TRANSMISIÓN CAN OPEN PARA +C0	93		141	TABLERO DE BORNES +Q0-XSC2	
	DEVICE NET DE MESAS Y PARA TERRA	94		142	ÍNDICE ESQUEMA ELÉCTRICO	
	REFERENCIA VELOCIDAD DE EXTERNO	95		143	ÍNDICE ESQUEMA ELÉCTRICO	
	CAJA PNP MAMPAROS	96				



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CREST
INDICE SCHEMA ELETTRICO
INDICE ESQUEMA ELECTRICO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+Q0
serial nr.	COM17312	DEF			page	143 of 143

A

A

B

B

C

C

D

D

E

E

F

F

CREST

=CRT+C0



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CREST
 SEZIONE SCHEMA ELETTRICO
 SECCIÓN ESQUEMA ELÉCTRICO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+C0
serial nr.	COM17312	DEF			page	1 of 22

1	2	3	4	5	6	7	8	9	10
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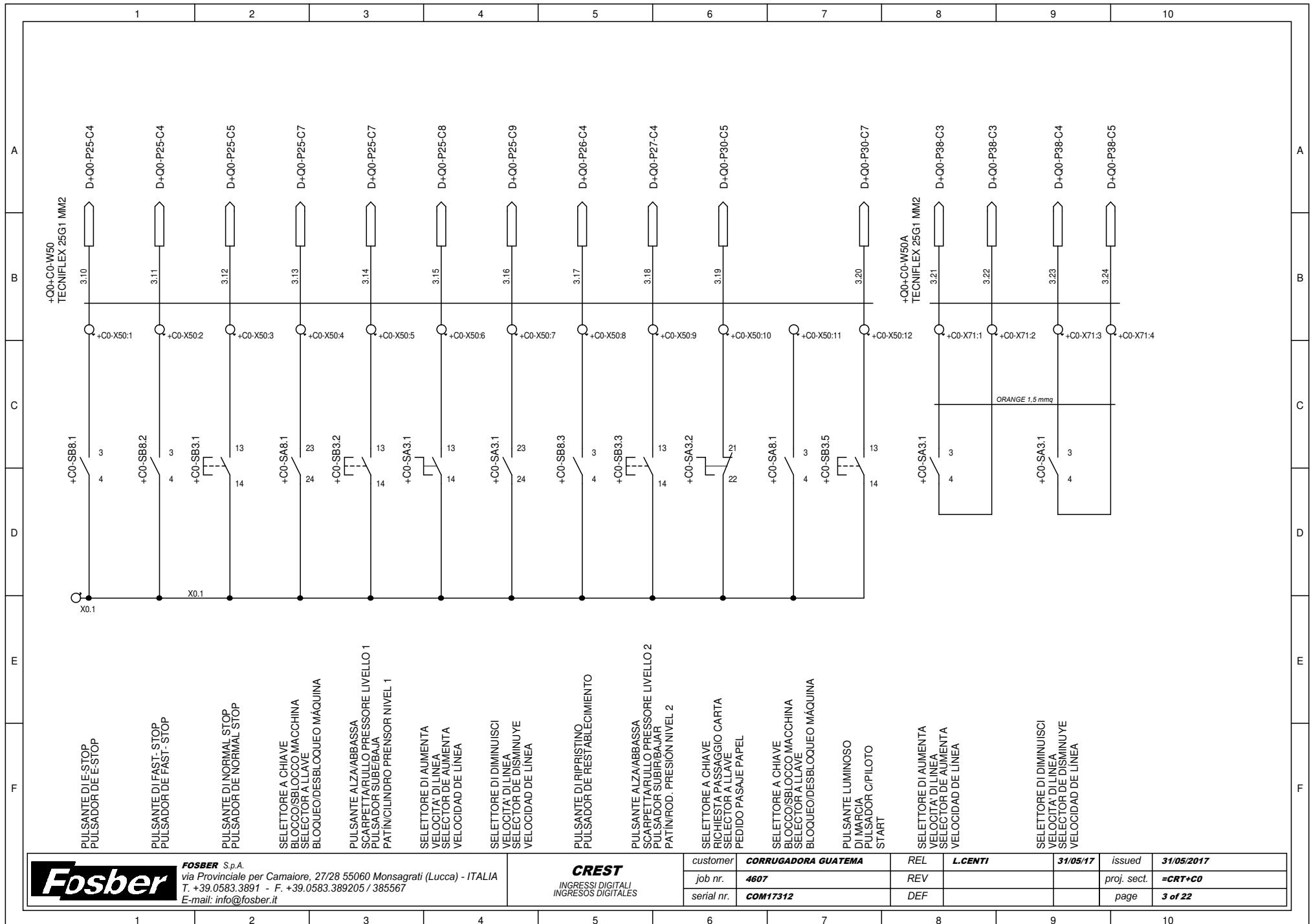


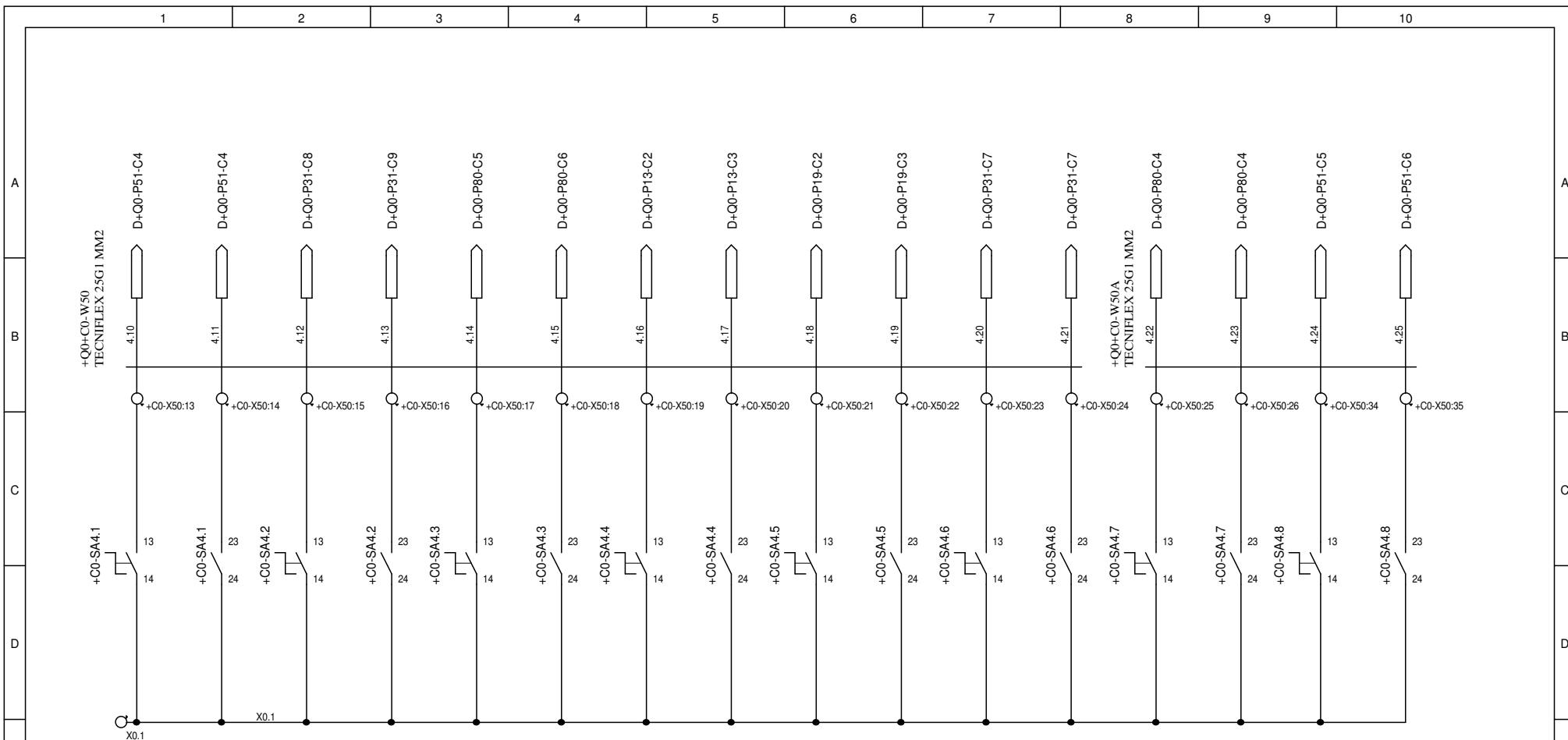
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CREST
PAGINA LASCIATA VUOTA
PÁGINA DEJADA EN BLANCO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+CO
serial nr.	COM17312	DEF			page	2 of 22

1	2	3	4	5	6	7	8	9	10
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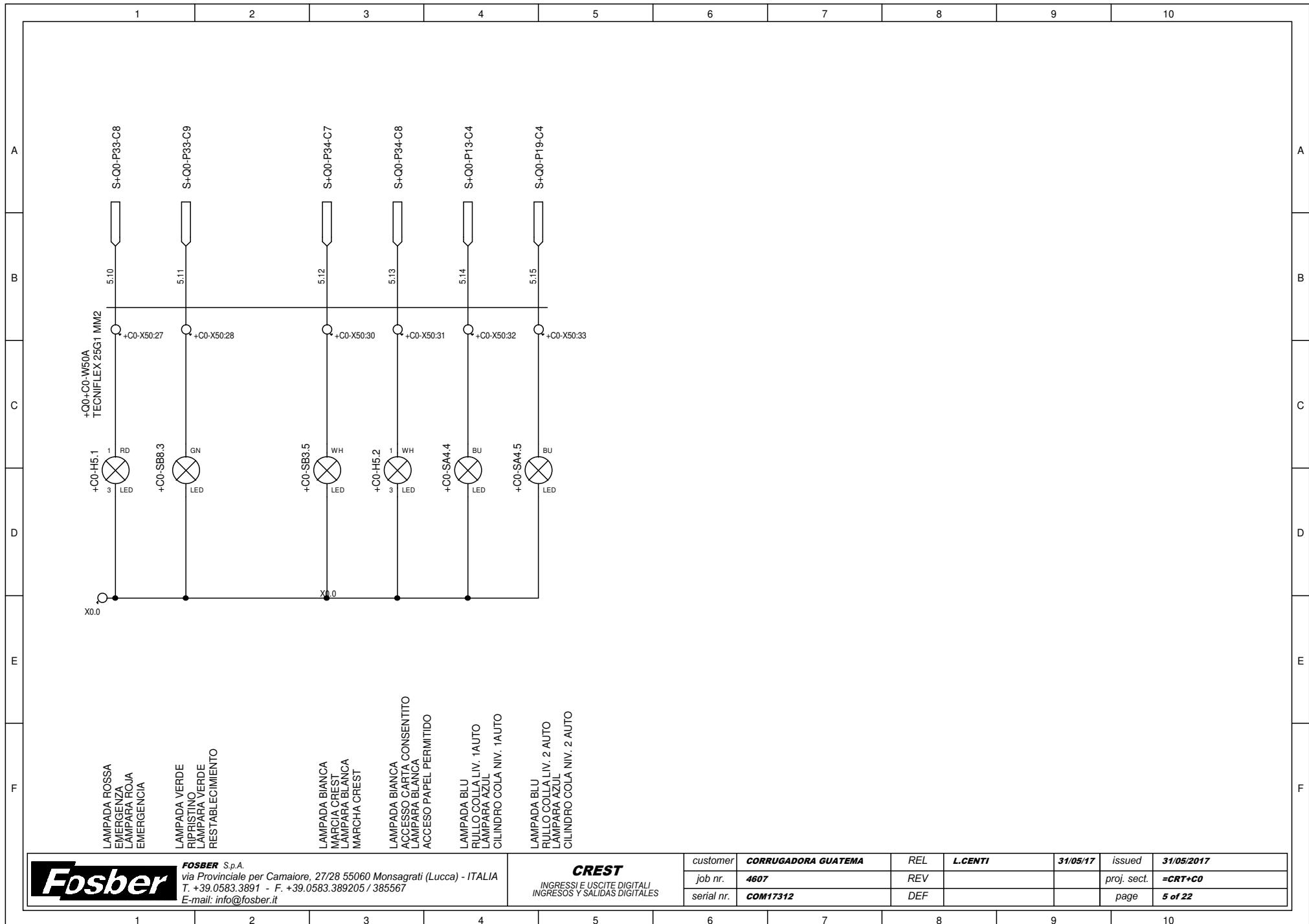


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CREST
INGRESSI DIGITALI
INGRESOS DIGITALES

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+C0
serial nr.	COM17312	DEF			page	4 of 22



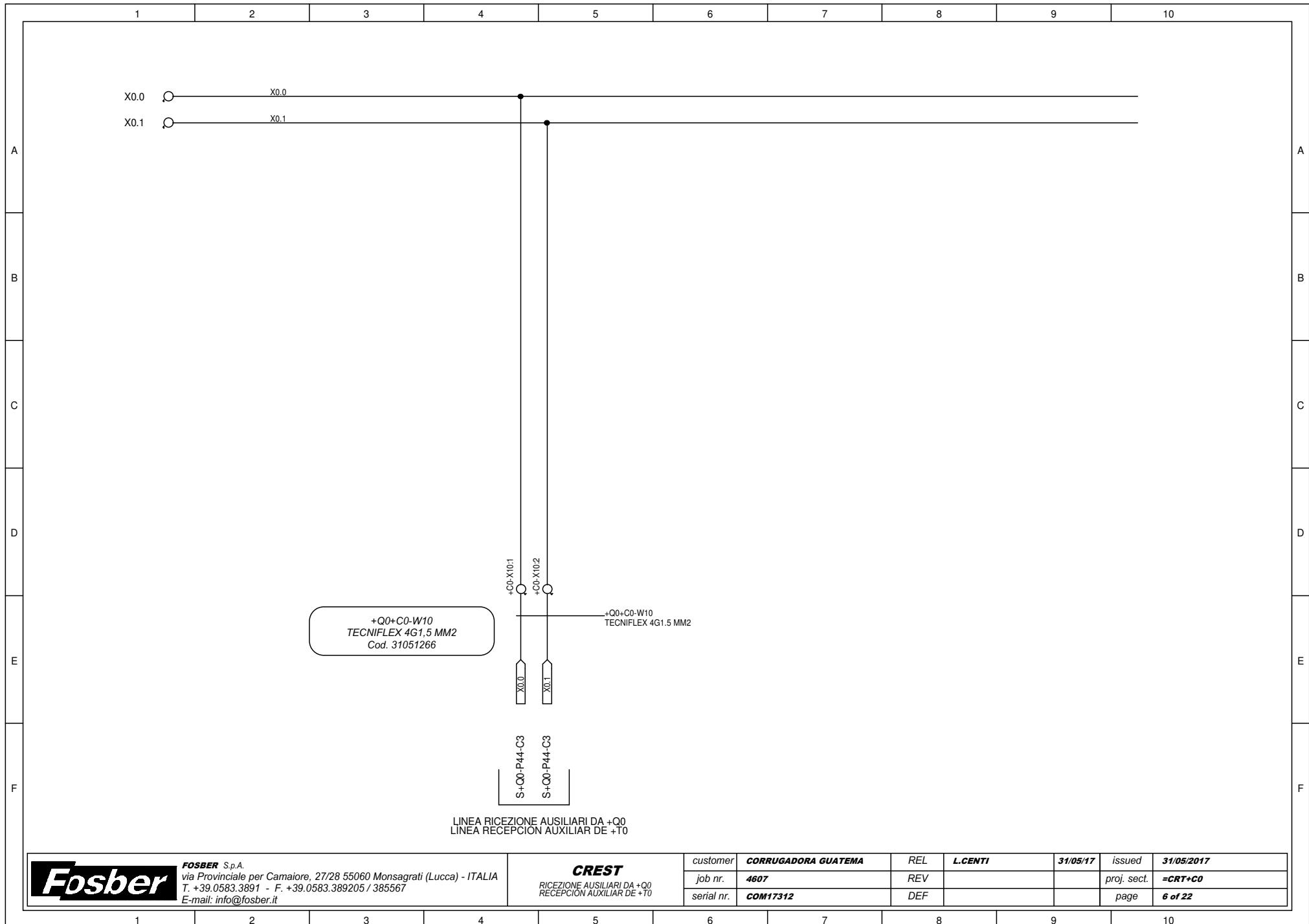
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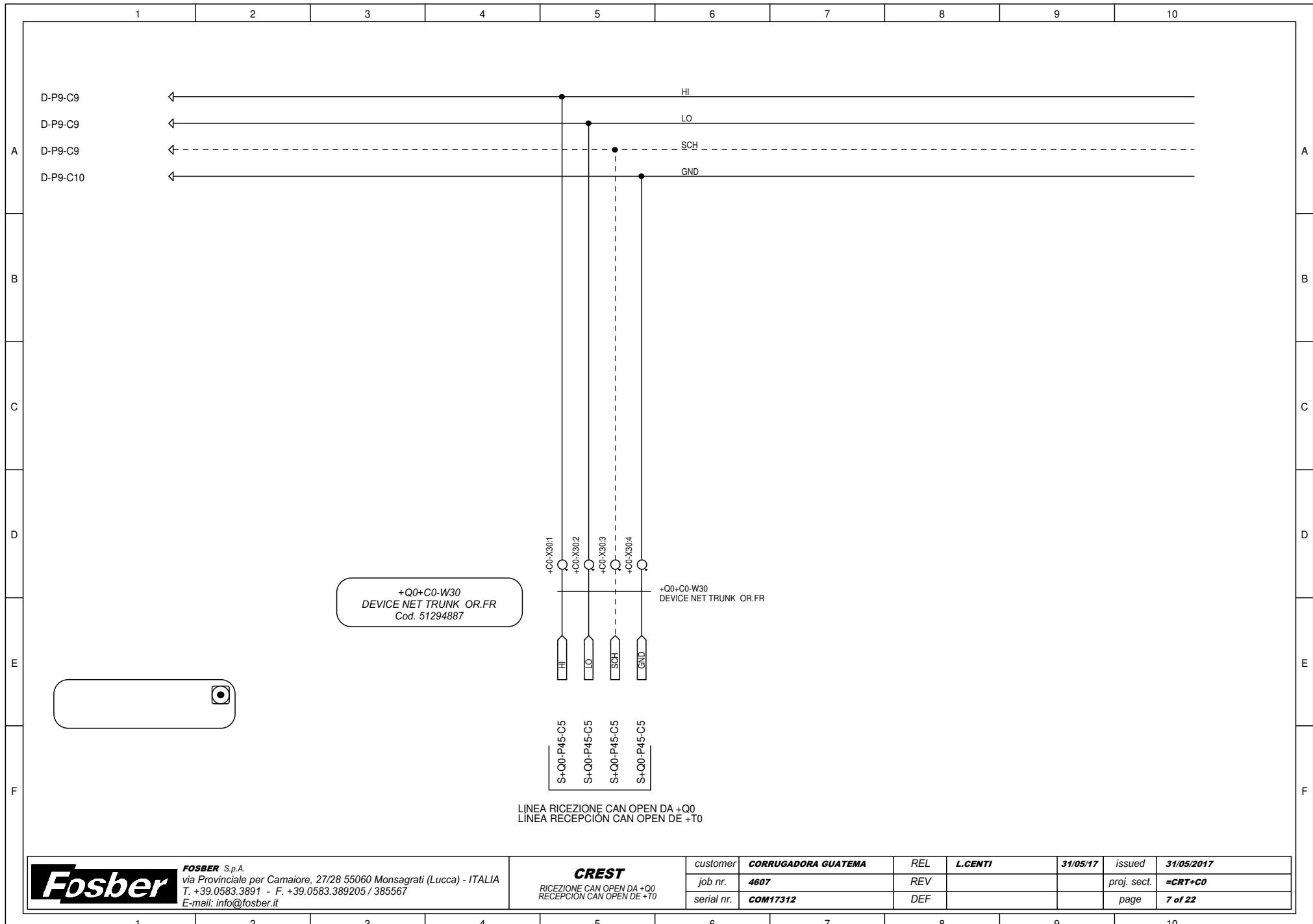
CREST
INGRESSI E USCITE DIGITALI
INGRESOS Y SALIDAS DIGITALES

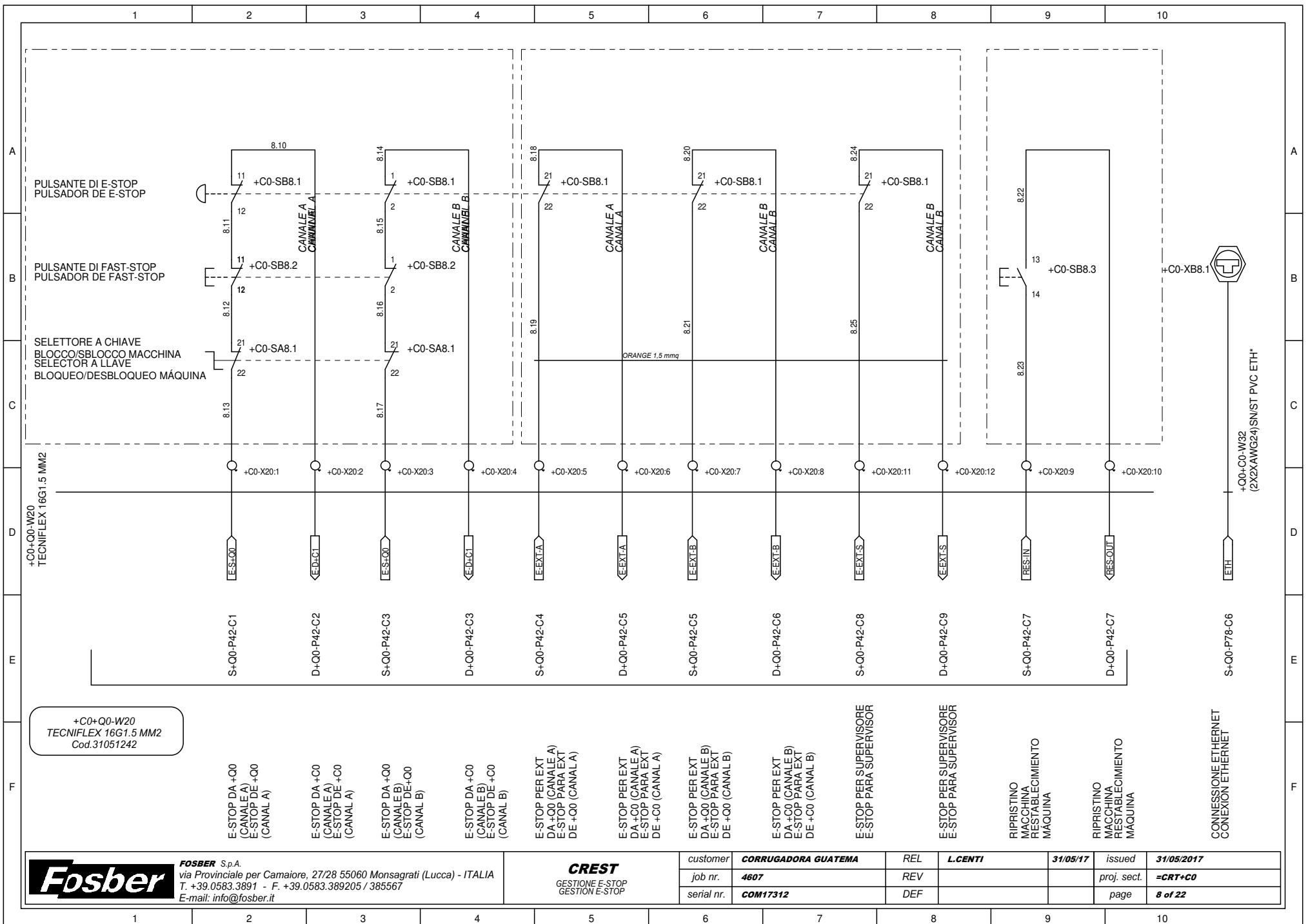
customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+C0
serial nr.	COM17312	DEF			page	5 of 22

1 2 3 4 5 6 7 8 9 10



1 2 3 4 5 6 7 8 9 10





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CREST
GESTIONE E-STOP
GESTIÓN E-STOP

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+C0
serial nr.	COM17312	DEF			page	8 of 22

1 2 3 4 5 6 7 8 9 10

+C0-A9.1

A

B

C

D

E

F

A

B

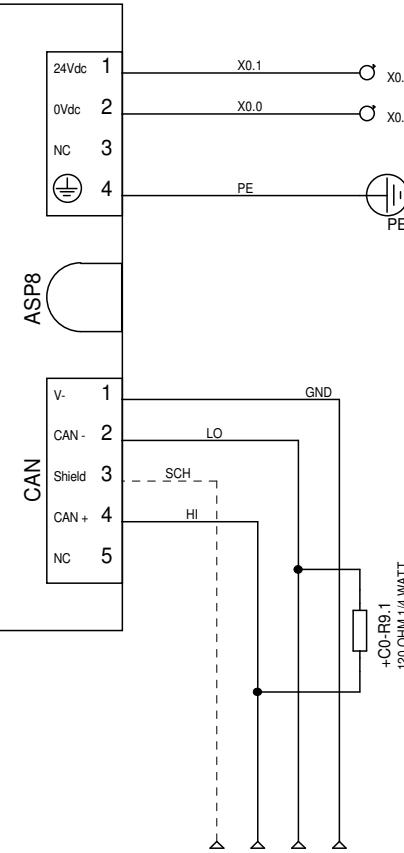
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ESA



S-P7-C1
S-P7-C1
S-P7-C1
S-P7-C1

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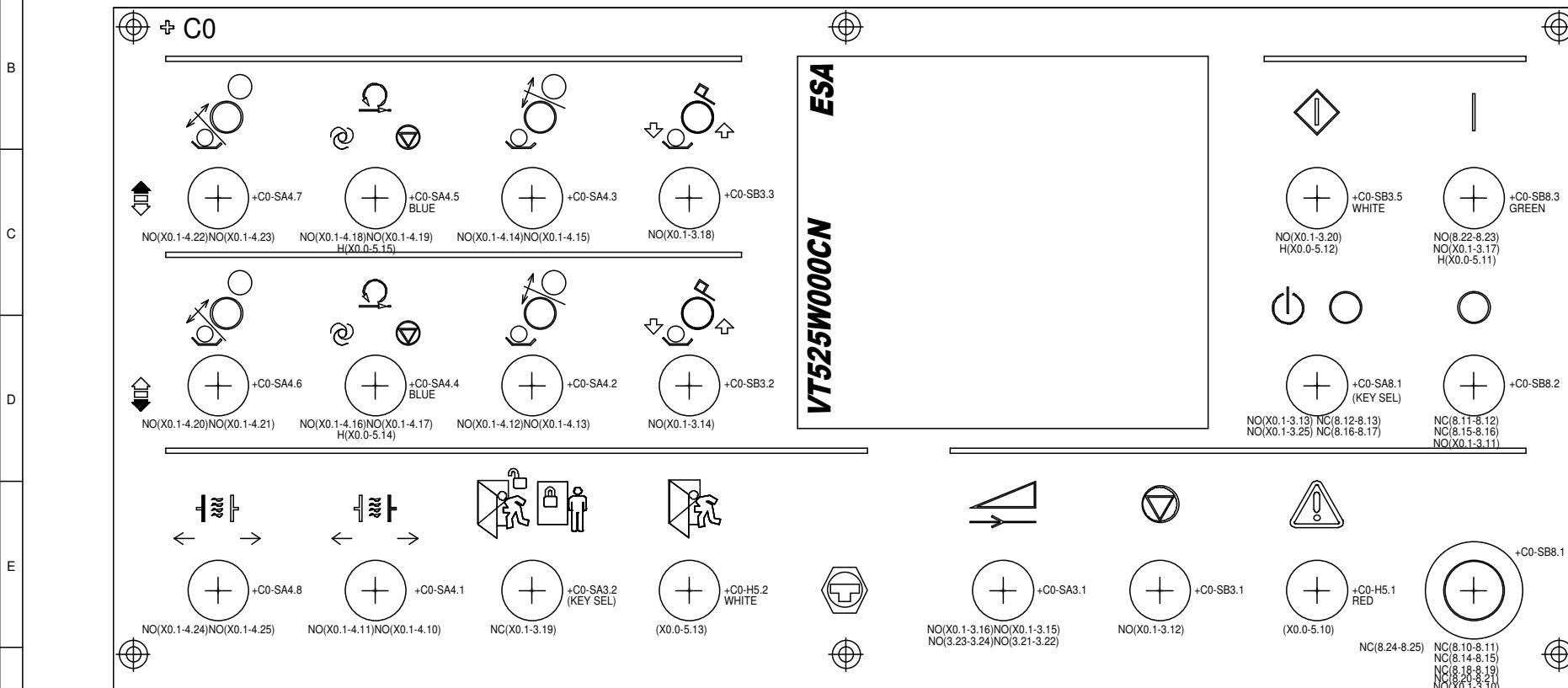
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CREST
TOUCH SCREEN ESA
TOUCH SCREEN ESA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+C0
serial nr.	COM17312	DEF			page	9 of 22

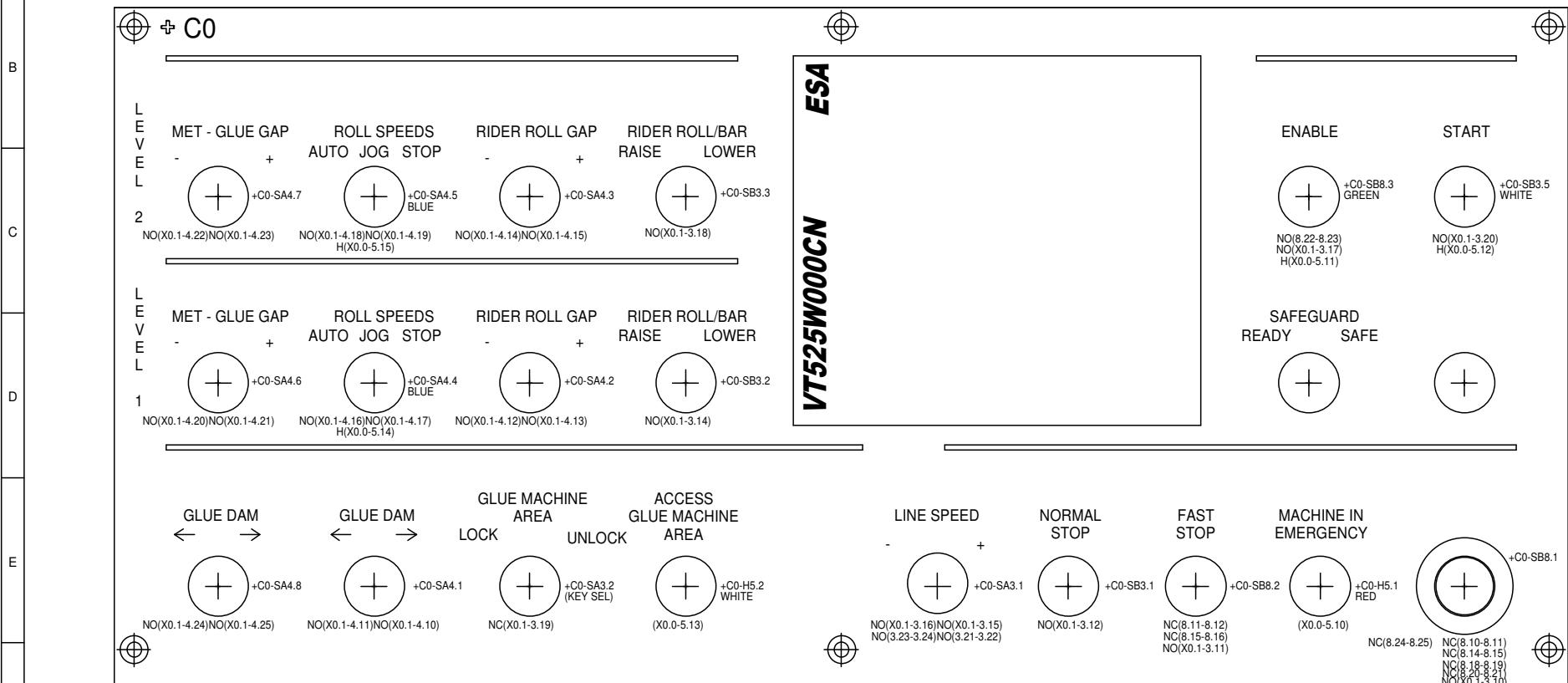
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1 2 3 4 5 6 7 8 9 10



1 2 3 4 5 6 7 8 9 10

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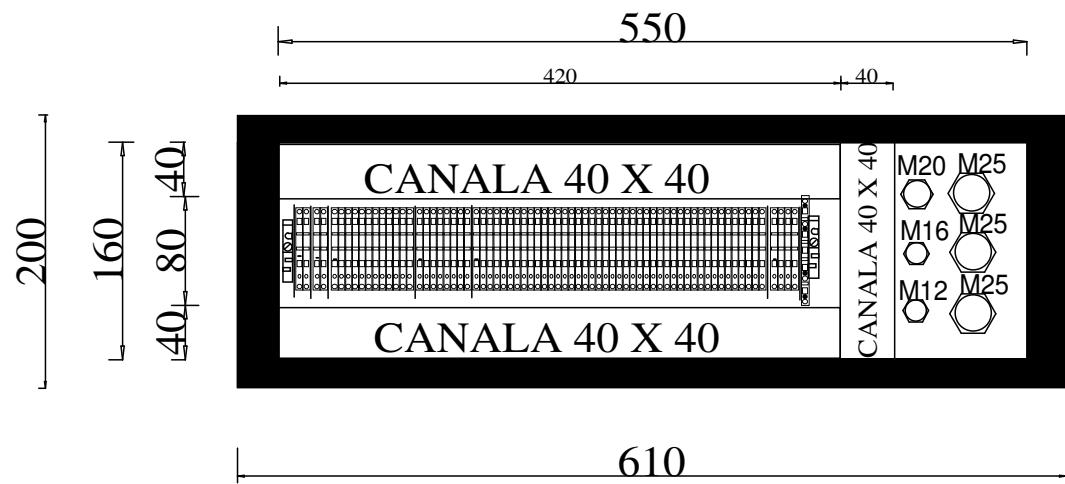
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CREST
PANNELLO COMANDI +C0 FA
PANEL MANDOS +C0 FA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+C0
serial nr.	COM17312	DEF			page	11 of 22

1 2 3 4 5 6 7 8 9 10

SCALA 1:2



Morsettiera(fissare con viti e dadi):

Tipo ZDU 2,5:

X10:1 (2)
X10:2 (2)
X20 (14)
X30(8)
X50(45)
X71(4)

1 ZPE2,5 Doppio

NOTA PER L'ELETTRICISTA:
INCOLLARE LE CANALE

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+CO
serial nr.	COM17312	DEF			page	12 of 22

1	2	3	4	5	6	7	8	9	10
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TOTAL CABLES ON MACHINE CONSOLE =CRT +CO

Nr.	INITIAL	CODE	TYPE	Ø (mm)	LENGTH (mt)	DESCRIPTION	START	ARRIVAL	TERMINAL BOX
1	A								
2									
3									
4									
5									
6									
7	B								
8									
9									
10									
11									
12									
13	C								
14									
15									
16									
17									
18									
19	D								
20									
21									
22									
23									
24									
25	E								
26									
27									
28									
29									
30									
31	F								
32									
33									
34									
35									



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CREST
CAVI BORDO MACCHINA
CABLES BORDO MAQUINA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+CO
serial nr.	COM17312	DEF			page	13 of 22

1	2	3	4	5	6	7	8	9	10
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A

B

C

D

E

F

1	2	3	4	5	6	7	8	9	10
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TOTAL INTERCONNECTION CONSOLE CABLES =CRT +C0

Nr.	INITIAL	CODE	TYPE	Ø _{mm}	LENGTH _m	DESCRIPTION	START	ARRIVAL	TERMINAL BOX	TYPE OF NET
100						+Q0				
101	+Q0+C0-W10		TECNIFLEX 4G1.5 MM2				+Q0	+C0	+C0-X10	POWER, AUXILIARIES
102	+C0+Q0-W20		TECNIFLEX 16G1.5 MM2				+C0	+Q0	+C0-X20	LOGIC, EMERGENCY/INTERFACE
103	+Q0+C0-W30		DEVICE NET TRUNK OR.FR				+Q0	+C0	+C0-X30	LOGIC, CAN OPEN
104	+Q0+C0-W50		TECNIFLEX 25G1 MM2				+Q0	+C0	+C0-X50	LOGIC, SIGNALS
105	+Q0+C0-W50A		TECNIFLEX 25G1 MM2				+Q0	+C0	+C0-X50/+C0-X71	LOGIC, SIGNALS
106										
107	+Q0+C0-W32	31052086	(2X2XAWG24)SN/ST PVC ETH*			ETHERNET FOR PLUG	+Q0	+C0		LOGIC, ETHERNET
108										
109										
110										
111										
112										
113										
114										
115										
116										
117										
118										
119										
120										
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131										
132										
133										



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CREST
CAVI DI INTERCONNESSIONE
CABLES DE INTERCONEXIÓN

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+C0
serial nr.	COM17312	DEF			page	14 of 22

1	2	3	4	5	6	7	8	9	10
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TERMINAL BOX, CONNECTOR

+C0-X10



	1	2	3	4	5	6	7	8	9	10
A								INSIDE CABINET COMPONENT		
B								FOOT		
C								NUMBER OF TERMINAL		
D								NUMBER OF WIRE		
E								OUTSIDE CABINET COMPONENT		
F								FOOT		
								DESCRIPTION		
								CABLE		
								NUMBER, COLOR		

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CREST
MORSETTIERA +C0-X10
BORNERA +C0-X10

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+C0
serial nr.	COM17312	DEF			page	15 of 22

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CREST
MORSETTIERA +C0-X20
BORNERA +C0-X20

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CREST
MORSETTIERA +C0-X3
BORNFRA +C0-X30

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+C0
serial nr.	COM17312	DEF			page	17 of 22

TERMINAL BOX, CONNECTOR

+C0-X50



		INSIDE CABINET COMPONENT		OUTSIDE CABINET COMPONENT		DESCRIPTION		CABLE		
		FOOT		NUMBER OF TERMINAL		FOOT		NUMBER OF WIRE		
		NUMBER OF WIRE		FOOT		DESCRIPTION		CABLE		
1		1	3.10	+C0-SB8.1	3	EMERGENCY STOP PUSHBUTTON	+Q0+C0-W50	1		
2		2	3.11	+C0-SB8.2	3	FAST STOP PUSHBUTTON	+Q0+C0-W50	2		
3		3	3.12	+C0-SB3.1	13	NORMAL STOP PUSHBUTTON	+Q0+C0-W50	3		
4		4	3.13	+C0-SA8.1	23	SAFEGUARD KEYSWITCH NORMAL/SAFE	+Q0+C0-W50	4		
5		5	3.14	+C0-SB3.2	13	RAISE/LOWER BUTTON SHOE	+Q0+C0-W50	5		
6		6	3.15	+C0-SA3.1	13	SELECTOR- SELECTOR- INCREASE LINE SPEED	+Q0+C0-W50	6		
7		7	3.16	+C0-SA3.1	23	SELECTOR-DECREASE LINE SPEED	+Q0+C0-W50	7		
8		8	3.17	+C0-SB8.3	3	RESTORE PUSHBUTTON	+Q0+C0-W50	8		
9		9	3.18	+C0-SB3.3	13	RAISE/LOWER BUTTON SHOE	+Q0+C0-W50	9		
10		10	3.19	+C0-SA3.2	21	REVERSE PUSHLEVEL-2 PAPER PASSAGE	+Q0+C0-W50	10		
11		11	3.25	+C0-SA8.1	3	SAFEGUARD KEYSWITCH NORMAL/SAFE	+Q0+C0-W50	11		
12		12	3.20	+C0-SB3.5	13	BRIGHT BUTTON PLATES RUN	+Q0+C0-W50	12		
13		13	4.10	+C0-SA4.1	13	OPEN - LEFT GLUE DAMS SELECTOR	+Q0+C0-W50	13		
14		14	4.11	+C0-SA4.1	23	CLOSE - LEFT GLUE DAMS SELECTOR	+Q0+C0-W50	14		
15		15	4.12	+C0-SA4.2	13	SELECTOR INCREASE RIDER ROLL GAP LEVEL 1	+Q0+C0-W50	15		
16		16	4.13	+C0-SA4.2	23	SELECTOR DECREASE RIDER ROLL GAP LEVEL 1	+Q0+C0-W50	16		
17		17	4.14	+C0-SA4.3	13	SELECTOR INCREASE RIDER ROLL GAP LEVEL 2	+Q0+C0-W50	17		
18		18	4.15	+C0-SA4.3	23	SELECTOR DECREASE RIDER ROLL GAP LEVEL 2	+Q0+C0-W50	18		
19		19	4.16	+C0-SA4.4	13	AUTO GLUE ROLL SELECTOR - LEVEL 1	+Q0+C0-W50	19		
20		20	4.17	+C0-SA4.4	23	STOP GLUE ROLL SELECTOR - LEVEL 1	+Q0+C0-W50	20		
21		21	4.18	+C0-SA4.5	13	AUTO GLUE ROLL SELECTOR - LEVEL 2	+Q0+C0-W50	21		
22		22	4.19	+C0-SA4.6	23	STOP GLUE ROLL SELECTOR - LEVEL 2	+Q0+C0-W50	22		
23		23	4.20	+C0-SA4.6	13	GLUE GAP CLOSURE SELECTOR - LEVEL	+Q0+C0-W50	23		
24		24	4.21	+C0-SA4.6	23	GLUE GAP OPENING SELECTOR - LEVEL	+Q0+C0-W50	24		
25		25	4.22	+C0-SA4.7	13	GLUE GAP CLOSURE SELECTOR - LEVEL 2+Q0+C0-W50A	1			
26		26	4.23	+C0-SA4.7	23	GLUE GAP OPENING SELECTOR - LEVEL 2+Q0+C0-W50A	2			
1				A		B		C	D	E
2										
3										
4										
5										
6										
7										
8										
9										
10										

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CREST
MORSETTIERA +C0-X50
BORNERA +C0-X50

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+C0
serial nr.	COM17312	DEF			page	18 of 22

TERMINAL BOX, CONNECTOR

+C0-X50



A	B	C	D	E	F
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1	2	3	4	5	6	7	8	9	10
A	B	C	D	E	F				
INSIDE CABINET COMPONENT									
FOOT									
NUMBER OF TERMINAL									
NUMBER OF WIRE									
OUTSIDE CABINET COMPONENT									
FOOT									
DESCRIPTION									
CABLE									
NUMBER, COLOR									
27	5.10	+C0-H5.1	1	LAMP-RED MACHINE INEMERGENCY	+Q0+C0-W50A	3			
28	5.11	+C0-SB8.3	1	LAMP-GREEN MACHINE RESTORED	+Q0+C0-W50A	4			
30	5.12	+C0-SB3.5	1	WHITE LAMP PLATES RUN	+Q0+C0-W50A	5			
31	5.13	+C0-H5.2	1	LAMP-WHITE GUARD ACCESS CONSENT	+Q0+C0-W50A	6			
32	5.14	+C0-SA4.4	1	LAMP-BLUE LEVEL 1 GLUE ROLL AUTO	+Q0+C0-W50A	7			
33	5.15	+C0-SA4.5	1	LAMP-BLUE LEVEL 2 GLUE ROLL AUTO	+Q0+C0-W50A	8			
34	4.24	+C0-SA4.8	13	OPEN - RIGHT GLUE DAMS SELECTOR	+Q0+C0-W50A	9			
35	4.25	+C0-SA4.8	23	CLOSE - RIGHT GLUE DAMS SELECTOR	+Q0+C0-W50A	10			
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									

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CREST
MORSETTIERA +C0-X50
BORNERA +C0-X50

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+C0
serial nr.	COM17312	DEF			page	19 of 22

1	2	3	4	5	6	7	8	9	10
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CREST
MORSETTIERA +C0-X
BORNERA +C0-Y71

<i>customer</i>	CORRUGADORA GUATEMA	<i>REL</i>	<i>L.CENTI</i>	<i>31/05/17</i>	<i>issued</i>	<i>31/05/2017</i>
<i>job nr.</i>	4607	<i>REV</i>			<i>proj. sect.</i>	=CRT+C0
<i>serial nr.</i>	COM17312	<i>DEF</i>			<i>page</i>	20 of 22

A									A
B	1	SEZIONE SCHEMA ELETTRICO	12	LAYOUT CONSOLE					B
	2	PAGINA LASCIATA VUOTA	13	CAVI BORDO MACCHINA					
	3	INGRESSI DIGITALI	14	CAVI DI INTERCONNESSIONE					
	4	INGRESSI DIGITALI	15	MORSETTIERA +C0-X10					
C	5	INGRESSI E USCITE DIGITALI	16	MORSETTIERA +C0-X20					C
	6	RICEZIONE AUSILIARI DA +Q0	17	MORSETTIERA +C0-X30					
	7	RICEZIONE CAN OPEN DA +Q0	18	MORSETTIERA +C0-X50					
	8	GESTIONE E-STOP	19	MORSETTIERA +C0-X50					
D	9	TOUCH SCREEN ESA	20	MORSETTIERA +C0-X71					D
	10	PANNELLO COMANDI +C0 CE/UL	21	INDICE SCHEMA ELETTRICO					
E	11	PANNELLO COMANDI +C0 FA	22	INDICE SCHEMA ELETTRICO					E
F									F



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CREST
INDICE SCHEMA ELETTRICO
INDICE ESQUEMA ELECTRICO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+C0
serial nr.	COM17312	DEF			page	21 of 22

A

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1	SECCIÓN ESQUEMA ELÉCTRICO	12	LAYOUT CONSOLAS
2	PAG. DEJADA EN BLANCO INTENCIÓ.	13	CABLES BORDO MÁQUINA
3	INGRESOS DIGITALES	14	CABLES DE INTERCONEXIÓN
4	INGRESOS DIGITALES	15	BORNERA +C0-X10
5	INGRESOS Y SALIDAS DIGITALES	16	BORNERA +C0-X20
6	RECEPCIÓN AUXILIAR DE +T0	17	BORNERA +C0-X30
7	LÍNEA RECEPCIÓN CAN OPEN DE +T0	18	BORNERA +C0-X50
8	GESTIÓN E-STOP	19	BORNERA +C0-X50
9	TOUCH SCREEN ESA	20	BORNERA +C0-X71
10	PANEL MANDOS +C0 CE/UL	21	ÍNDICE ESQUEMA ELÉCTRICO
11	PANEL MANDOS +C0 FA	22	ÍNDICE ESQUEMA ELÉCTRICO

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CREST

=CRT+B0

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CREST
 SEZIONE SCHEMA ELETTRICO
 SECCIÓN ESQUEMA ELÉCTRICO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+B0
serial nr.	COM17312	DEF			page	1 of 13

1	2	3	4	5	6	7	8	9	10
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CREST
PAGINA LASCIATA VUOTA
PÁGINA DEJADA EN BLANCO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+B0
serial nr.	COM17312	DEF			page	2 of 13

1	2	3	4	5	6	7	8	9	10
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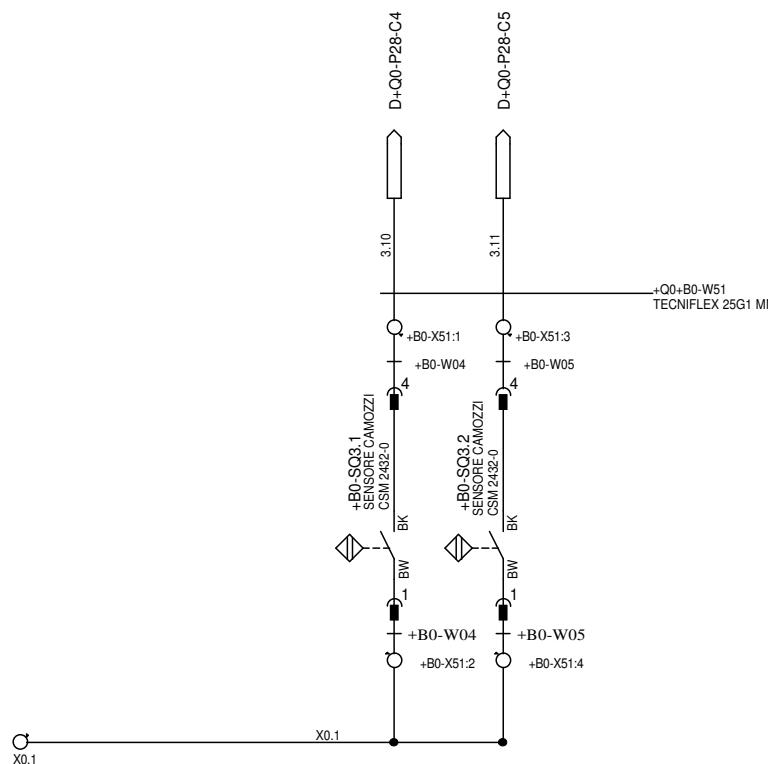
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PERNO DI SICUREZZA
VASSOACOLLA LATO SX - LIVELLO 1
PERNO DE SEGURIDAD
CUBA COLA LADO SX - NIVEL 1

PERNO DI SICUREZZA
VASSOACOLLA LATO SX - LIVELLO 2
PERNO DE SEGURIDAD
CUBA COLA LADO SX - NIVEL 2

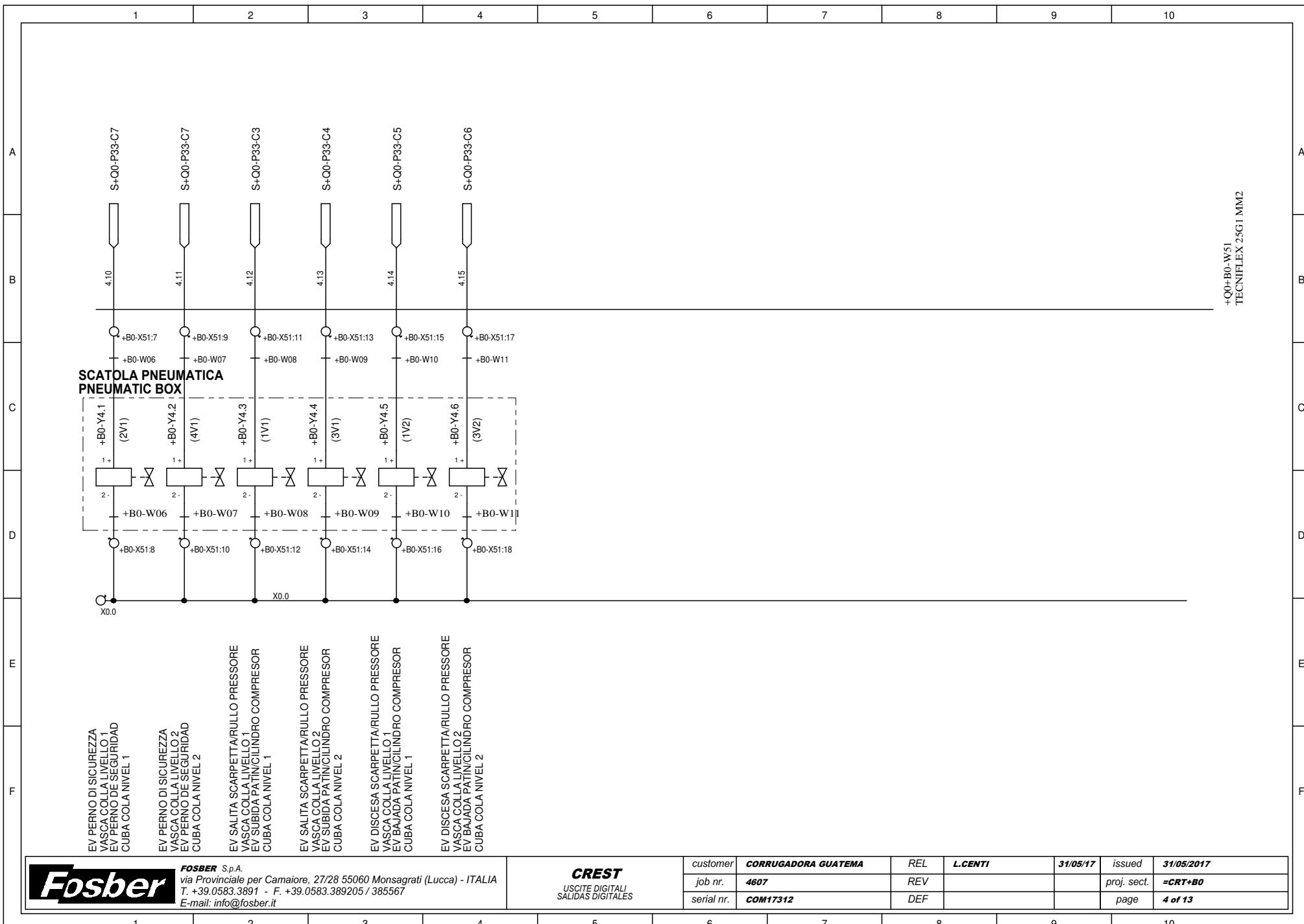
Prolunga sensori Camozzi
31050116 CAVO FRAF 4X0,5 SCHERMATO
32345070 CONN.DRITTO MAS. M12-4PIN
32345071 CONN.DRITTO FEM. M12-4PIN



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CREST
INGRESSI DIGITALI
INGRESOS DIGITALES

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+B0
serial nr.	COM17312	DEF			page	3 of 13

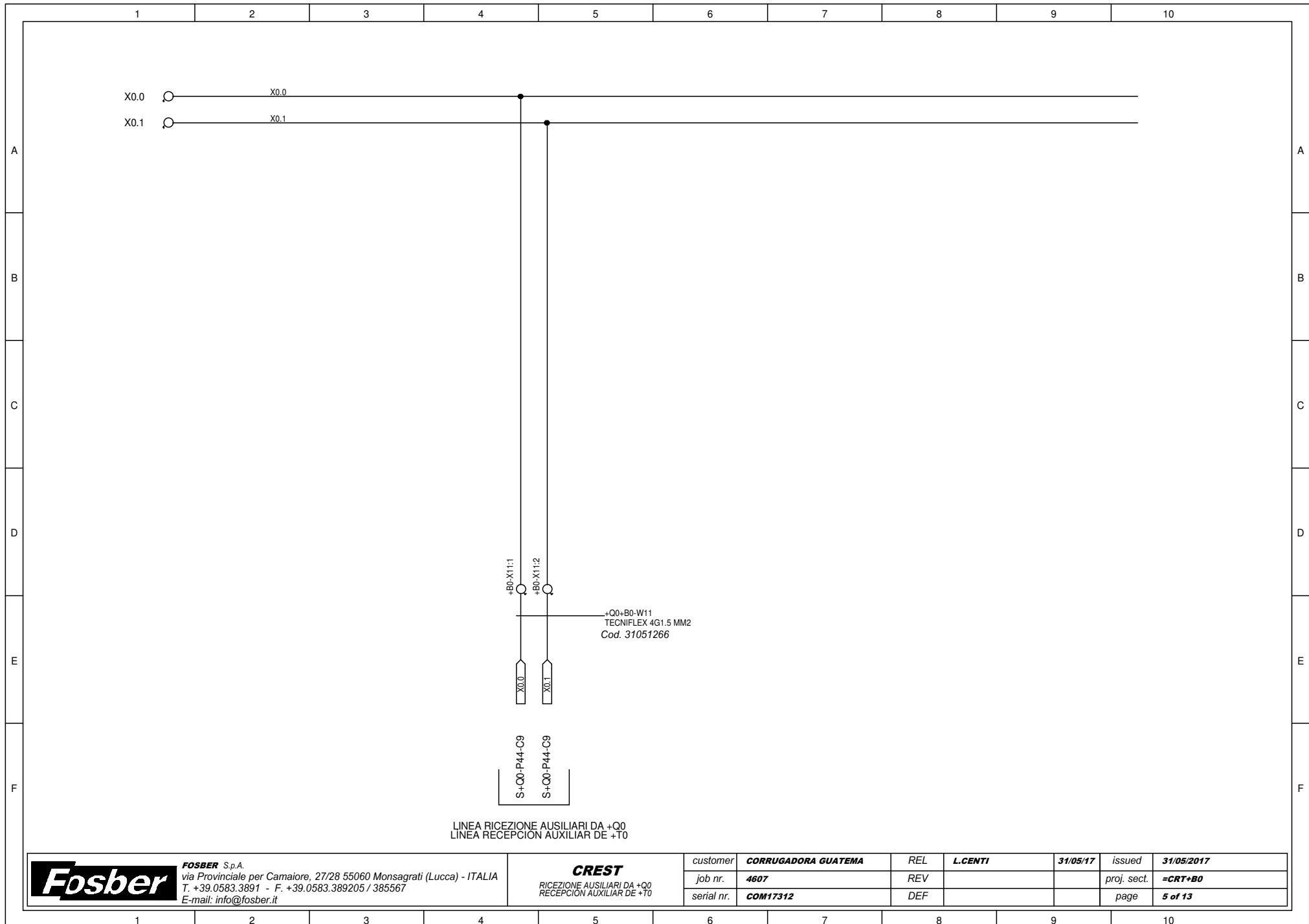


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CREST
USCITE DIGITALI
SALIDAS DIGITALES

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+B0
serial nr.	COM17312	DEF			page	4 of 13



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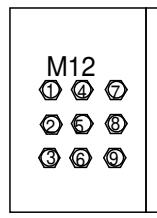
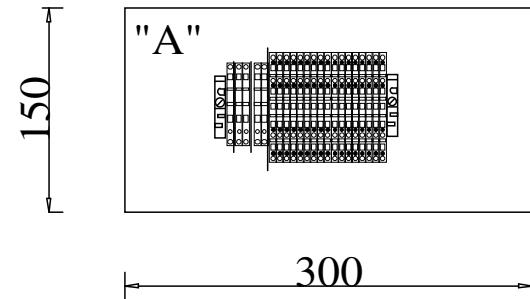
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**FORATURA SCATOLA
LATO SX**

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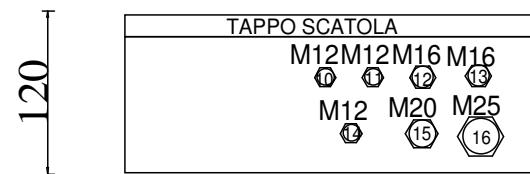
Lista Pressacavi/cavi:
 1:M12 +B0-W06
 2:M12 +B0-W08
 3:M12 +B0-W10
 4:M12 +B0-W07
 5:M12 +B0-W09
 6:M12 +B0-W11
 7:M12 +B0-W15
 8:M12 +B0-W16
 9:M12 +B0-W17

C

C

Lista Pressacavi/cavi:
 10:M12 +B0-W04
 11:M12 +B0-W05
 12:M16 +B0-W12
 13:M16 +Q0+B0-W11
 14:M12 +B0-W14
 15:M20 +B0-W13
 16:M25 +Q0+B0-W51



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Morsettiera "A"
 1 ZPE 2,5
 Tipo ZDU2,5:
 X11:1 (2)
 X11:2 (2)

Tipo ZDK non ponticellati:
 X51(17) numeri pari sopra e numeri dispari sotto

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E

**FORATURA SCATOLA
LATO INFERIORE**

F

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CREST
 LAYOUT SCATOLA
 LAYOUT CAJA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+B0
serial nr.	COM17312	DEF			page	6 of 13

	1	2	3	4	5	6	7	8	9	10
TOTAL CABLES ON MACHINE'S BOX =CRT +BO										
	Nr.	INITIAL	CODE	TYPE	Ø (mm)	LENGTH (mt)	DESCRIPTION	START	ARRIVAL	TERMINAL BOX
A	1									
	2									
	3									
	4	+B0-W04		PRECABLED			LEFT SIDE GLUE PAN SAFETY PIN LEVEL 1	+B0-X51	+B0-SQ3.1	+B0-X51
	5	+B0-W05		PRECABLED			LEFT SIDE GLUE PAN SAFETY PIN LEVEL 2	+B0-X51	+B0-SQ3.2	+B0-X51
	6	+B0-W06	31051248	CAVO TECNIFLEX 2X0,5 MM2		3	SOLENOID VALVE SAFETY PIN GLUE PAN LEVEL 1	+B0-X51	+B0-Y4.1	+B0-X51
B	7	+B0-W07	31051248	CAVO TECNIFLEX 2X0,5 MM2		3	SOLENOID VALVE SAFETY PIN GLUE PAN LEVEL 2	+B0-X51	+B0-Y4.2	+B0-X51
	8	+B0-W08	31051248	CAVO TECNIFLEX 2X0,5 MM2		3	SOLENOID VALVE OPEN RIDER ROLL LEVEL 1	+B0-X51	+B0-Y4.3	+B0-X51
	9	+B0-W09	31051248	CAVO TECNIFLEX 2X0,5 MM2		3	SOLENOID VALVE OPEN RIDER ROLL LEVEL 2	+B0-X51	+B0-Y4.4	+B0-X51
	10	+B0-W10	31051248	CAVO TECNIFLEX 2X0,5 MM2		3	SOLENOID VALVE CLOSE SHOE/RIDER ROLL GLUE PAN LEVEL 1	+B0-X51	+B0-Y4.5	+B0-X51
	11	+B0-W11	31051248	CAVO TECNIFLEX 2X0,5 MM2		3	SOLENOID VALVE CLOSE SHOE/RIDER ROLL GLUE PAN LEVEL 2	+B0-X51	+B0-Y4.6	+B0-X51
	12									
C	13									
	14									
	15									
	16									
	17									
	18									
D	19									
	20									
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	30									
F	31									
	32									
	33									
	34									
	35									

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CREST
CAVI BORDO MACCHINA
CABLES BORDO MAQUINA

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+BO
serial nr.	COM17312	DEF			page	7 of 13

1	2	3	4	5	6	7	8	9	10
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TOTAL INTERCONNECTION BOX CABLES =CRT +BO

Nr.	INITIAL	CODE	TYPE	Ø _{mm}	LENGTH _m	DESCRIPTION	START	ARRIVAL	TERMINAL BOX	TYPE OF NET
100						+Q0				
101	+Q0+B0-W11	31051266	TECNIFLEX 4G1.5 MM2			AUXILIARIES FROM +Q0 PANEL	+Q0	+B0	+B0-X11	POWER, AUXILIARIES
102	+Q0+B0-W51	31051278	TECNIFLEX 25G1 MM2			DEVICES ON MACHINE	+Q0	+B0	+B0-X51	LOGIC, SIGNALS
103										
104										
105										
106										
107										
108										
109										
110										
111										
112										
113										
114										
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129										
130										
131										
132										
133										



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CREST
CAVI DI INTERCONNESSIONE
CABLES DE INTERCONEXIÓN

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+BO
serial nr.	COM17312	DEF			page	8 of 13

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TERMINAL BOX, CONNECTOR

+B0-X11



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CREST
MORSETTIERA +B0-X1
BORNIERA +B0-Y11

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		job nr.	4607	REV			proj. sect.	=CRT+B0
		serial nr.	COM17312	DEF			page	9 of 13

TERMINAL BOX, CONNECTOR

+B0-X51



TERMINAL BOX, CONNECTOR

+B0-X51

		INSIDE CABINET COMPONENT						
		FOOT	NUMBER OF TERMINAL	NUMBER OF WIRE		OUTSIDE CABINET COMPONENT		
						FOOT	DESCRIPTION	CABLE
								NUMBER, COLOR
1		1	3.10	+B0-SQ3.1	BK	SAFETY LEFT PIN PAN LEVEL 1	+Q0+B0-W51	1
+Q0>X51							+B0-W04	1
+Q0>X51	36	2	X0.1	+B0-SQ3.1	BW	SAFETY LEFT PIN PAN LEVEL 1	+Q0+B0-W11	2
+Q0>X51							+B0-W04	2
+Q0>X51	3	3.11	+B0-SQ3.2	BK	SAFETY LEFT PIN PAN LEVEL 2	+Q0+B0-W51	2	
+Q0>X51	36	4	X0.1	+B0-SQ3.2	BW	SAFETY LEFT PIN PAN LEVEL 2	+B0-W05	1
+Q0>X51							+Q0+B0-W11	2
		5					+B0-W05	2
		6						
+Q0>X51		7	4.10	+B0-Y4.1	1+	SOLENOID VALVE SAFETY PINS PAN LEVEL 1	+Q0+B0-W51	4
+Q0>X51	19	8	X0.0	+B0-Y4.1	2-	SOLENOID VALVE SAFETY PINS PAN LEVEL 1	+Q0+B0-W11	1
+Q0>X51		9	4.11	+B0-Y4.2	1+	SOLENOID VALVE SAFETY PINS PAN LEVEL 2	+B0-W06	2
+Q0>X51	21	10	X0.0	+B0-Y4.2	2-	SOLENOID VALVE SAFETY PINS PAN LEVEL 2	+Q0+B0-W51	5
+Q0>X51		11	4.12	+B0-Y4.3	1+	SOLENOID VALVE OPEN RIDER ROLL LEVEL 1	+B0-W07	1
+Q0>X51	19	12	X0.0	+B0-Y4.3	2-	SOLENOID VALVE OPEN RIDER ROLL LEVEL 1	+Q0+B0-W11	1
+Q0>X51		13	4.13	+B0-Y4.4	1+	SOLENOID VALVE OPEN RIDER ROLL LEVEL 2	+B0-W08	2
+Q0>X51	19	14	X0.0	+B0-Y4.4	2-	SOLENOID VALVE OPEN RIDER ROLL LEVEL 2	+Q0+B0-W09	1
+Q0>X51		15	4.14	+B0-Y4.5	1+	SOLENOID VALVE CLOSE SHOE/RIDER ROLL GLUE PAN LEVEL 1	+Q0+B0-W51	8
+Q0>X51	19	16	X0.0	+B0-Y4.5	2-	SOLENOID VALVE CLOSE SHOE/RIDER ROLL GLUE PAN LEVEL 1	+B0-W10	1
+Q0>X51		17	4.15	+B0-Y4.6	1+	SOLENOID VALVE CLOSE SHOE/RIDER ROLL GLUE PAN LEVEL 2	+Q0+B0-W11	1
+Q0>X51	19	18	X0.0	+B0-Y4.6	2-	SOLENOID VALVE CLOSE SHOE/RIDER ROLL GLUE PAN LEVEL 2	+B0-W11	2
		19						
		20						
		21						
		22						
		23						
		24						
		25						
		26						

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CREST
MORSETTERA +B0-X51
BORNERA +B0 Y51

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			job nr.	4607	REV			proj. sect.	=CRT+B0
			serial nr.	COM17312	DEF			page	10 of 13

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CREST
MORSETTIERA +B0-X51
BORNERA +B0-X51

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+BO
serial nr.	COM17312	DEF			page	11 of 13

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1	SEZIONE SCHEMA ELETTRICO	8	CAVI DI INTERCONNESSIONE
2	PAGINA LASCIATA VUOTA	9	MORSETTIERA +B0-X11
3	INGRESSI DIGITALI	10	MORSETTIERA +B0-X51
4	USCITE DIGITALI	11	MORSETTIERA +B0-X51
5	RICEZIONE AUSILIARI DA +Q0	12	INDICE SCHEMA ELETTRICO
6	LAYOUT SCATOLA	13	INDICE SCHEMA ELETTRICO
7	CAVI BORDO MACCHINA		



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CREST
INDICE SCHEMA ELETTRICO
INDICE ESQUEMA ELECTRICO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+B0
serial nr.	COM17312	DEF			page	12 of 13

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1	SECCIÓN ESKEMA ELÉCTRICO	8	CABLES DE INTERCONEXIÓN
2	PAG. DEJADA EN BLANCO INTENCIÓ.	9	BORNERA +B0-X11
3	INGRESOS DIGITALES	10	BORNERA +B0-X51
4	SALIDAS DIGITALES	11	BORNERA +B0-X51
5	RECEPCIÓN AUXILIAR DE +T0	12	ÍNDICE ESKEMA ELÉCTRICO
6	LAYOUT BOX	13	ÍNDICE ESKEMA ELÉCTRICO
7	CABLES BORDO MÁQUINA		



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CREST
INDICE SCHEMA ELETTRICO
INDICE ESKEMA ELECTRICO

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+B0
serial nr.	COM17312	DEF			page	13 of 13

	1	2	3	4	5	6	7	8	9	10
	REF.	CODE	DESCRIZIONE (I)	DESCRIPTION (UK)	DESCRIPCIÓN (S)	DESCRIPTION (F)	BESCHREIBUNG (D)	N #		
A	+Q0-XS3.1	31270106	PRESA MULTIP. 2P+T 16A BIANCA*	MULTIPLE SOCKET V. OVA 92025	ENCHUFE V. OVA 92025	PRISE OVA 92025	MEHRFACHSTECKERB. OVA 92025	1	A	
	+Q0-A3.2	51080359	FILTRO FINMOTOR 230SP.001 M	FILTER FINMOTOR 230SP.001 M	FILTRO FINMOTOR 230SP.001 M	FILTRE FINMOTOR 230SP.001 M	FILTER FINMOTOR 230SP.001 M	1	A	
	+Q0-SA3.1	32400030	F.C.INTERB. N.O.050FI10 ELFIN	INTERLOCK LIM. SWI.050FI10 ELF	ENCLAVAMIENTO N.O.050FI10 ELFI	FIN DE COURSE N.O.050FI10 ELFI	ENDSCHALTER N.O.050FI10 ELFIN	1	A	
	+Q0-SA3.1	32400040	F.C.INTERB. N.O.030FA-P ELFIN	INTERLOCK LIM. SWI.050FA-P ELF	ENCLAVAMIENTO N.O.050FA-P ELFI	FIN DE COURSE N.O.050FA-P ELFI	ENDSCHALTER N.O.050FA-P ELFIN	1	A	
B	+Q0-SA3.1	32400050	F.C.INTERB. N.C.030FC-P ELFIN	INTERLOCK LIM. SWI.030FC-P ELF	ENCLAVAMIENTO N.C.030FC-P ELFI	FIN DE COURSE N.C.030FC-P ELF	VERBL. ENDSCH. N.C.030FC-P ELF	1	B	
	+Q0-QS3.1	32362344	TARGHETTA ZFS62-NZM7	ZFS62-NZM7 LABEL	TARJETA ZFS62-NZM7	PLAQUETTE ZFS62-NZM7	SCHILD ZFS62-NZM7	1	B	
	+Q0-QS3.1	32365602	INTER.MAGN.NZMN1-A63 63A *	SWITCH NZMN1-A63 63A *	INTERRUPTOR MAGNETOTERMICO NZM1	INTERRUPTEUR MAGNETOTERMIQUE NZM1	MAGNETISCHER SCHALTER NZMN1-A6	1	B	
	+Q0-QS3.1	32365686	PROLUNGA NZM1/2-XV4 400MM MAX*	NZM1/2-XV4 400MM MAX* EXTENSIO	ELEMENTO DE PROLONGACION NZM1	RALLONGE NZM1/2-XV4 400MM MAXI	VERL. NZM1/2-XV4 400MM MAX*	1	B	
C	+Q0-QS3.1	32365690	MANIGLIA NERA NZM1-XTVDV *	BLACK HANDLE NZM1-XTVDV *	MANIJA NEGRA NZM1-XTVDV *	POIGNEE NOIRE NZM1-XTVDV *	GRIFF SCHWARZ NZM1-XTVDV *	1	C	
	+Q0-QS3.1	32365695	BOBINA SGANCIO NZM1-XUHIV24AC*	UNDERVOLTAGE TRIP COIL NZM1-XU	BOBINA DE DESENGANCHE NZM1-XUH	BOBINE DECLENCHEMENT NZM1-XUHI	ELEKTROSPULE NZM1-XUHIV24AC*	1	C	
	+Q0-QS3.1	32365701	PROTEZIONE NZM1-XIPK PER NZM1	NZM1-XIPK GUARD FOR NZM1	PROTECCION NZM1-XIPK PARA NZM1	PROTECTION NZM1-XIPK POUR NZM1	SCHUTZV. NZM1-XIPK F. NZM1	2	C	
	+Q0-QS3.1	32402000	LUCCHETTO TIPO YALE 110.30 D.5	LOCK YALE 110 30 DIAM5	CANDADO YALE 110 30 DIAM5	SERRURE YALE 110 30 DIAM5	SCHLOSS YALE 110 30 D5	1	C	
D	+Q0-QS3.1	32402010	GANASCE DI BLOCCAGGIO MM25 *	JAW MM25	MORDAZAS DE BLOQUEO MM25 *	MACHOIRES DE BLOCAGE 25MM *	SPANNBACKE 25 MM *	1	D	
	+Q0-EL3.1	32400061	***STAFFA+PLAF.FLOUR.15W 220V*	BRACKET AND LAMP FLOUR. 15W 22	ESTRIBO Y LAMPARA FLOUR. 15W 2	ETRIER ET LAMPE FLOUR. 15W 220	BUEGEL UN LAMPEN FLOUR. 15W 22	1	D	
	+Q0-Q3.1	35014003	MTERM FAZ-C2/1	MAGNETOTHERMAL SWITCH FAZ-C2/1	INTERRUPTOR MAGNETOTERMICO FAZ-C2/1	INTERRUPTEUR MAGNETO-TERMIQUE FAZ-C2/1	SCHUTZSCHALTER FAZ-C2/1	1	D	
	+Q0-Q3.3	35014036	MTERM FAZ-C6/2	MAGNETOTHERMAL SWITCH FAZ-C6/2	INTERRUPTOR MAGNETOTERMICO FAZ-C6/2	INTERRUPTEUR MAGNETO-TERMIQUE FAZ-C6/2	SCHUTZSCHALTER FAZ-C6/2	1	D	
E	+Q0-Q3.3	35014090	BLOCCO DIFFER. PBSM-402/003-A	DIFFER. BLOCK PBSM-402/003-A	BLOQUEO DIFER. PBSM-402/003-A	BLOC DIFFER. PBSM-402/003-A	FEHLERSTROMB. PBSM-402/003-A	1	E	
	+Q0-T3.1	39032014	TRA.400-415-440-460V 1250VA*	400-415-440-460V 1250VA TRANSF	TRANSFORMATOR 400-415-440-460V	TRASFORMATEUR 400-415-440-460V	TRANSFORMATOR 400-415-440-460V	1	E	
	+Q0-Q3.2	32368538	MTERM.PKZM0-4-T	MAGNETOTHERMAL SWITCHPKZM0-4-T	INTERRUPTOR MAGNETOTERMICOPKZM0-4-T	INTERRUPTEUR MAGNETO-TERMIQUEPSCHUTZSCHALTERPKZM0-4-T	1	E		
	+Q0-A3.3	32361500	ADATTATORE BBA0-25/2TS	BBA0-25/2TS ADAPTER	ADAPTADOR AD BBA0-25/2TS	ADAPTATEUR AD BBA0-25/2TS	ADAPTER AD BBA0-25/2TS	1	E	
F	+Q0-A3.1	51080473	FILTRO FIN 538.M1500.S1.055.V*	FILTER FIN 538.M1500.S1.055.V	FILTRO FIN 538.M1500.S1.055.V	FILTRE FIN 538.M1500.S1.055.V	FILTER FIN 538.M1500.S1.055.V	1	F	
	+Q0-Q4.8	35014065	MTERM FAZ-C4/1-NA*****	MAGNETOTHERMAL SWITCH FAZ-C4-N	INTERRUPTOR MAGNETOTERMICO FAZ-C4-N	INTERRUPTEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER FAZ-C4-NA	1	F	
	+Q0-T4.1	39031785	TR.1000VA400-415-440-460/220V*	1000VA 400-415-440-460/220V TR	TRANSFORMATOR 1000VA 400-415-4	TRASFORMATEUR 1000VA 400-415-4	TRANSFORMATOR 1000VA 400-415-4	1	F	
	+Q0-T4.2	39031990	TR.400-415-440-460V/24V 100VA*	TRANSFORMER 400-415-440-460V/2	TRANSFORMATOR 400-415-440-460V	TRASFORMATEUR 400-415-440-460V	TRANSFORMATOR 400-415-440-460V	1	F	
F	+Q0-Q4.7	32368534	MTERM.PKZM0-0,63-T	MAGNETOTHERMAL SWITCHPKZM0-0,6	INTERRUPTOR MAGNETOTERMICOPKZM0-0,6	INTERRUPTEUR MAGNETO-TERMIQUEPSCHUTZSCHALTERPKZM0-0,63-T	1	F		
	+Q0-Q4.1	32368538	MTERM.PKZM0-4-T	MAGNETOTHERMAL SWITCHPKZM0-4-T	INTERRUPTOR MAGNETOTERMICOPKZM0-4-T	INTERRUPTEUR MAGNETO-TERMIQUEPSCHUTZSCHALTERPKZM0-4-T	1	F		
	+Q0-Q4.1	32368550	CONTATTI NHI11-PKZM0	CONN. NHI11-PKZM0	CONTACTO NHI11-PKZM0	CONTACTS NHI11-PKZM0	KONTAKTE NHI11-PKZM0	1	F	
	+Q0-Q4.9	32368514	MTERM. PKZM0-1,6 \$	MAGNETOTHERMAL SWITCH PKZM0-1,	INTERRUPTOR MAGNETOTERMICO PKZM0-1,	INTERRUPTEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER PKZM0-1,6	1	F	
 Fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it				CREST BILL OF MATERIAL		customer job nr. serial nr.	CORRUGADORA GUATEMA REV DEF	REL L.CENTI 31/05/17 proj. sect. page	issued =CRT+PO 1 of 11	
1	2	3	4	5	6	7	8	9	10	

	1	2	3	4	5	6	7	8	9	10
REF.	CODE	DESCRIZIONE (I)	DESCRIPTION (UK)	DESCRIPCIÓN (S)	DESCRIPTION (F)	BESCHREIBUNG (D)	N #			
A	+Q0-Q4.10	35014008	MTERM FAZ-C10/1	MAGNETOTHERMAL SWITCH FAZ-C10/1	INTERRUPTOR MAGNETOTERMICO FAZ-C10/1	INTERRUPEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER FAZ-C10/1	1		
	+Q0-A8.1A	32361500	ADATTATORE BBA0-25/2TS	BBA0-25/2TS ADAPTER	ADAPTADOR AD BBA0-25/2TS	ADAPTATEUR AD BBA0-25/2TS	ADAPTER AD BBA0-25/2TS	1		
	+Q0-Q4.6	35014065	MTERM FAZ-C4/1-NA*****	MAGNETOTHERMAL SWITCH FAZ-C4-N	INTERRUPTOR MAGNETOTERMICO FAZ-C4-N	INTERRUPEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER FAZ-C4-NA	1		
	+Q0-Q4.6	35014096	CONT. AUX MOELLER Z-NHK	AUX CONT.MOELLER Z-NHK	CONT. AUX MOELLER Z-NHK	CONT. AUX MOELLER Z-NHK	HILFSKONT. MOELLER Z-NHK	1		
B	+Q0-M4.1	36540242	COND. RITTAL SK 3303.500 *	RITTAL SK 3303.500 CONDITIONE	ACOND. RITTAL SK 3303.500	COND. RITTAL SK 3303.500 *	KLIMAG. RITTAL SK 3303.500 *	1		
	+Q0-GS4.2	51080181	ALIM. S8VK-T24024 OMRON *	POWER SUPPLY S8VK-T24024 OMRON	ALIMENTADOR S8VK-T24024 OMRON	ALIMENTATEUR S8VK-T24024 OMRON	NETZGERAET S8VK-T24024 OMRON	1		
	+Q0-Q5.1	35014061	MTERM FAZ-C1/1-NA *	MAGNETOTHERMAL SWITCH FAZ-C1-N	INTERRUPTOR MAGNETOTERMICO FAZ-C1-N	INTERRUPEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER FAZ-C1-NA	1		
	+Q0-Q5.1	35014096	CONT. AUX MOELLER Z-NHK	AUX CONT.MOELLER Z-NHK	CONT. AUX MOELLER Z-NHK	CONT. AUX MOELLER Z-NHK	HILFSKONT. MOELLER Z-NHK	1		
	+Q0-Q5.2	32368518	MTERM. PKZM0-4 \$	MAGNETOTHERMAL SWITCH PKZM0-4	INTERRUPTOR MAGNETOTERMICO PKZM0-4	INTERRUPEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER PKZM0-4	1		
C	+Q0-A5.1	32361500	ADATTATORE BBA0-25/2TS	BBA0-25/2TS ADAPTER	ADAPTADOR AD BBA0-25/2TS	ADAPTATEUR AD BBA0-25/2TS	ADAPTER AD BBA0-25/2TS	1		
	+Q0-Q5.3	35014011	MTERM FAZ-C20/1	MAGNETOTHERMAL SWITCH FAZ-C20/1	INTERRUPTOR MAGNETOTERMICO FAZ-C20/1	INTERRUPEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER FAZ-C20/1	1		
	+Q0-Q5.3	35014095	CONT. AUX MOELLER ZP-IHK	AUXILIARY CONTACT ZP-IHK	CONTACTO AUXILIAR ZP-IHK	CONTACTE AUXILIARE ZP-IHK	HILFSKONTAKT ZP-IHK	1		
	+Q0-GS5.1	51080182	ALIM. S8VK-T48024 OMRON *	POWER SUPPLY S8VK-T48024 OMRON	ALIMENTADOR S8VK-T48024 OMRON	ALIMENTATEUR S8VK-T48024 OMRON	NETZGERAET S8VK-T48024 OMRON	1		
D	+Q0-K5.1							1		
	+Q0-K5.2							1		
	+Q0-F5.1	32300936	MOD.ANT.RC A-B 100-FSC280	FILTER RC A-B 100-FSC280	FILTRO RC A-B 100-FSC280	FILTRE RC A-B 100-FSC280	FILTER RC A-B 100-FSC280	1		
	+Q0-F5.2	32300936	MOD.ANT.RC A-B 100-FSC280	FILTER RC A-B 100-FSC280	FILTRO RC A-B 100-FSC280	FILTRE RC A-B 100-FSC280	FILTER RC A-B 100-FSC280	1		
E	+Q0-A6.2	51060404	MOD.ASSE 9325-EI LENZE 5,5KW *	9325-EI LENZE 5,5KW AXIS MODUL	MODULO ARBOL 9325-EI LENZE 5,5	MODULE AXE 9325-EI LENZE 5,5KW	ACHSENMODUL 9325-EI LENZE 5,5K	1		
	+Q0-Q6.1	32368526	MTERM. PKZM0-20 \$	MAGNETOTHERMAL SWITCH PKZM0-20	INTERRUPTOR MAGNETOTERMICO PKZM0-20	INTERRUPEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER PKZM0-20	1		
	+Q0-Q6.2	32368510	MTERM. PKZM0-0,63 \$	MAGNETOTHERMAL SWITCH PKZM0-0,	INTERRUPTOR MAGNETOTERMICO PKZM0-0,	INTERRUPEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER PKZM0-0,63	1		
	+Q0-Q6.2	32368550	CONTATTI NHI11-PKZM0	CONN. NHI11-PKZM0	CONTACTO NHI11-PKZM0	CONTACTS NHI11-PKZM0	KONTAKTE NHI11-PKZM0	1		
F	+Q0-A6.1	32361500	ADATTATORE BBA0-25/2TS	BBA0-25/2TS ADAPTER	ADAPTADOR AD BBA0-25/2TS	ADAPTATEUR AD BBA0-25/2TS	ADAPTER AD BBA0-25/2TS	1		
	+Q0-A7.1	32060170	INTERB.MECC. DILM12-XMV	MECHANICAL INTERLOCK CONTACT D	INTERBLOQUEO CONTACTO DILM12-X	INTER BLOQUEO MECANIQUE CONTACT	MECH.VERBLOCKUNG FUR KONTAKTGL	1		
	+Q0-Q7.1	35014004	MTERM FAZ-C3/1	MAGNETOTHERMAL SWITCH FAZ-C3/1	INTERRUPTOR MAGNETOTERMICO FAZ-C3/1	INTERRUPEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER FAZ-C3/1	1		
	+Q0-Q7.1	35014095	CONT. AUX MOELLER ZP-IHK	AUXILIARY CONTACT ZP-IHK	CONTACTO AUXILIAR ZP-IHK	CONTACTE AUXILIARE ZP-IHK	HILFSKONTAKT ZP-IHK	1		
F	+Q0-Q8.1	32368516	MTERM. PKZM0-2,5 \$	MAGNETOTHERMAL SWITCH PKZM0-2,	INTERRUPTOR MAGNETOTERMICO PKZM0-2,	INTERRUPEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER PKZM0-2,5	1		
	+Q0-Q8.1	32368550	CONTATTI NHI11-PKZM0	CONN. NHI11-PKZM0	CONTACTO NHI11-PKZM0	CONTACTS NHI11-PKZM0	KONTAKTE NHI11-PKZM0	1		
	+Q0-Q8.2	32368516	MTERM. PKZM0-2,5 \$	MAGNETOTHERMAL SWITCH PKZM0-2,	INTERRUPTOR MAGNETOTERMICO PKZM0-2,	INTERRUPEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER PKZM0-2,5	1		

	1	2	3	4	5	6	7	8	9	10
REF.	CODE	DESCRIZIONE (I)	DESCRIPTION (UK)	DESCRIPCIÓN (S)	DESCRIPTION (F)	BESCHREIBUNG (D)	N #			
A	+Q0-Q8.2	32368550	CONTATTI NHI11-PKZ0	CONN. NHI11-PKZM0	CONTACTO NHI11-PKZM0	CONTACTS NHI11-PKZM0	KONTAKTE NHI11-PKZM0	1		
	+Q0-A8.1	32361500	ADATTATORE BBA0-25/2TS	BBA0-25/2TS ADAPTER	ADAPTADOR AD BBA0-25/2TS	ADAPTATEUR AD BBA0-25/2TS	ADAPTER AD BBA0-25/2TS	1		
	+Q0-A8.2	32361500	ADATTATORE BBA0-25/2TS	BBA0-25/2TS ADAPTER	ADAPTADOR AD BBA0-25/2TS	ADAPTATEUR AD BBA0-25/2TS	ADAPTER AD BBA0-25/2TS	1		
	+Q0-A8.2	32060170	INTERB.MECC. DILM12-XMV	MECHANICAL INTERLOCK CONTACT D	INTERBLOQUEO CONTACTO DILM12-X	INTER BLOQUE MECANIQUE CONTACT	MECH.VERBLOCKUNG FUR KONTAKTGL	1		
B	+Q0-A8.3	32060170	INTERB.MECC. DILM12-XMV	MECHANICAL INTERLOCK CONTACT D	INTERBLOQUEO CONTACTO DILM12-X	INTER BLOQUE MECANIQUE CONTACT	MECH.VERBLOCKUNG FUR KONTAKTGL	1		
	+Q0-A9.1	32060170	INTERB.MECC. DILM12-XMV	MECHANICAL INTERLOCK CONTACT D	INTERBLOQUEO CONTACTO DILM12-X	INTER BLOQUE MECANIQUE CONTACT	MECH.VERBLOCKUNG FUR KONTAKTGL	1		
	+Q0-Q9.1	35014004	MTERM FAZ-C3/1	MAGNETOTHERMAL SWITCH FAZ-C3/1	INTERRUPTOR MAGNETOTERMICO FAZ	INTERRUPTEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER FAZ-C3/1	1		
	+Q0-Q9.1	35014095	CONT. AUX MOELLER ZP-IHK	AUXILIARY CONTACT ZP-IHK	CONTACTO AUXILIAR ZP-IHK	CONTACTE AUXILIARE ZP-IHK	HILFSKONTAKT ZP-IHK	1		
	+Q0-A10.2	51060404	MOD.ASSE 9325-EI LENZE 5,5KW *	9325-EI LENZE 5,5KW AXIS MODUL	MODULO ARBOL 9325-EI LENZE 5,5	MODULE AXE 9325-EI LENZE 5,5KW	ACHSENMODUL 9325-EI LENZE 5,5K	1		
C	+Q0-Q10.1	32368526	MTERM. PKZM0-20 \$	MAGNETOTHERMAL SWITCH PKZM0-20	INTERRUPTOR MAGNETOTERMICO PKZ	INTERRUPTEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER PKZM0-20	1		
	+Q0-Q10.2	32368510	MTERM. PKZM0-0,63 \$	MAGNETOTHERMAL SWITCH PKZM0-0,	INTERRUPTOR MAGNETOTERMICO PKZ	INTERRUPTEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER PKZM0-0,63	1		
	+Q0-Q10.2	32368550	CONTATTI NHI11-PKZ0	CONN. NHI11-PKZM0	CONTACTO NHI11-PKZM0	CONTACTS NHI11-PKZM0	KONTAKTE NHI11-PKZM0	1		
	+Q0-A10.1	32361500	ADATTATORE BBA0-25/2TS	BBA0-25/2TS ADAPTER	ADAPTADOR AD BBA0-25/2TS	ADAPTATEUR AD BBA0-25/2TS	ADAPTER AD BBA0-25/2TS	1		
D	+Q0-A11.1	32060170	INTERB.MECC. DILM12-XMV	MECHANICAL INTERLOCK CONTACT D	INTERBLOQUEO CONTACTO DILM12-X	INTER BLOQUE MECANIQUE CONTACT	MECH.VERBLOCKUNG FUR KONTAKTGL	1		
	+Q0-Q11.1	35014004	MTERM FAZ-C3/1	MAGNETOTHERMAL SWITCH FAZ-C3/1	INTERRUPTOR MAGNETOTERMICO FAZ	INTERRUPTEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER FAZ-C3/1	1		
	+Q0-Q11.1	35014095	CONT. AUX MOELLER ZP-IHK	AUXILIARY CONTACT ZP-IHK	CONTACTO AUXILIAR ZP-IHK	CONTACTE AUXILIARE ZP-IHK	HILFSKONTAKT ZP-IHK	1		
	+Q0-A12.1	32060170	INTERB.MECC. DILM12-XMV	MECHANICAL INTERLOCK CONTACT D	INTERBLOQUEO CONTACTO DILM12-X	INTER BLOQUE MECANIQUE CONTACT	MECH.VERBLOCKUNG FUR KONTAKTGL	1		
E	+Q0-Q12.1	35014004	MTERM FAZ-C3/1	MAGNETOTHERMAL SWITCH FAZ-C3/1	INTERRUPTOR MAGNETOTERMICO FAZ	INTERRUPTEUR MAGNETO-TERMIQUE	SCHUTZSCHALTER FAZ-C3/1	1		
	+Q0-Q12.1	35014095	CONT. AUX MOELLER ZP-IHK	AUXILIARY CONTACT ZP-IHK	CONTACTO AUXILIAR ZP-IHK	CONTACTE AUXILIARE ZP-IHK	HILFSKONTAKT ZP-IHK	1		
	+Q0-K13.2	32060002	DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	CONTACTO DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	KONTAKTE DILM9-10 (24VDC)	1		
	+Q0-K13.3	32060002	DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	CONTACTO DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	KONTAKTE DILM9-10 (24VDC)	1		
F	+Q0-K13.1	32300905	RELÈ A-B 700-HLT22Z24 TBR24VDC	RELAYS 700-HLT22Z24 TBR24VDC	RELE 700-HLT22Z24 TBR24VDC	RELAYS 700-HLT22Z24 TBR24VDC	RELAIS 700-HLT22Z24 TBR24VDC	1		
	+Q0-B13.1	51280152	FOTOCELLULA E3G-L73 OMRON	PHOTOCALL E3G-L73 OMRON	FOTOCELULA E3G-L73 OMRON	PHOTOCALL E3G-L73 OMRON	FOTOZELLE E3G-L73 OMRON	1		
	+Q0-K19.2	32060002	DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	CONTACTO DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	KONTAKTE DILM9-10 (24VDC)	1		
	+Q0-K19.3	32060002	DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	CONTACTO DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	KONTAKTE DILM9-10 (24VDC)	1		
	+Q0-K19.1	32300905	RELÈ A-B 700-HLT22Z24 TBR24VDC	RELAYS 700-HLT22Z24 TBR24VDC	RELE 700-HLT22Z24 TBR24VDC	RELAYS 700-HLT22Z24 TBR24VDC	RELAIS 700-HLT22Z24 TBR24VDC	1		
	+Q0-B19.1	51280199	FOTOCELLULA E3S-CL2 OMRON	PHOTOCALL E3S-CL2 OMRON	FOTOCELULA E3S-CL2 OMRON	PHOTOCALL E3S-CL2 OMRON	FOTOZELLE E3S-CL2 OMRON	1		
	+Q0-A23.1	51060600	LENZE GATEWAY CAN IO EPM-S110*	LENZE GATEWAY CAN IO EPM-S110	1					

	1	2	3	4	5	6	7	8	9	10		
	REF.	CODE	DESCRIZIONE (I)	DESCRIPTION (UK)	DESCRIPCIÓN (S)	DESCRIPTION (F)	BESCHREIBUNG (D)	N #				
A	+Q0-A23.5	51060610	LENZE 8 DIGITAL IN EPM-S202 *	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	1	A			
	+Q0-A23.7	51060610	LENZE 8 DIGITAL IN EPM-S202 *	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	1				
	+Q0-A23.9	51060610	LENZE 8 DIGITAL IN EPM-S202 *	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	1				
	+Q0-A23.11	51060610	LENZE 8 DIGITAL IN EPM-S202 *	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	1				
B	+Q0-A23.14	51060610	LENZE 8 DIGITAL IN EPM-S202 *	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	1	B			
	+Q0-A23.16	51060610	LENZE 8 DIGITAL IN EPM-S202 *	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	1				
	+Q0-A23.18	51060610	LENZE 8 DIGITAL IN EPM-S202 *	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	1				
	+Q0-A23.20	51060615	LENZE 8 DIGITAL OUT EPM-S302 *	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	1				
C	+Q0-A23.3	51060615	LENZE 8 DIGITAL OUT EPM-S302 *	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	1	C			
	+Q0-A23.6	51060615	LENZE 8 DIGITAL OUT EPM-S302 *	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	1				
	+Q0-A23.8	51060610	LENZE 8 DIGITAL IN EPM-S202 *	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	1				
	+Q0-A23.10	51060610	LENZE 8 DIGITAL IN EPM-S202 *	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	1				
D	+Q0-A23.25	51060650	LENZE POWER DC 24 V EPM-S701 *	LENZE POWER DC 24 V EPM-S701	LENZE POWER DC 24 V EPM-S701	LENZE POWER DC 24 V EPM-S701	LENZE POWER DC 24 V EPM-S701	1	D			
	+Q0-A23.12	51060616	LENZE 4 DIGITAL OUT EPM-S309 *	LENZE 4 DIGITAL OUT EPM-S309	LENZE 4 DIGITAL OUT EPM-S309	LENZE 4 DIGITAL OUT EPM-S309	LENZE 4 DIGITAL OUT EPM-S309	1				
	+Q0-A23.26	51060650	LENZE POWER DC 24 V EPM-S701 *	LENZE POWER DC 24 V EPM-S701	LENZE POWER DC 24 V EPM-S701	LENZE POWER DC 24 V EPM-S701	LENZE POWER DC 24 V EPM-S701	1				
	+Q0-A23.15	51060630	LENZE 4 V ANALOG IN EPM-S401 *	LENZE 4 V ANALOG IN EPM-S401	LENZE 4 V ANALOG IN EPM-S401	LENZE 4 V ANALOG IN EPM-S401	LENZE 4 V ANALOG IN EPM-S401	1				
E	+Q0-A23.17	51060610	LENZE 8 DIGITAL IN EPM-S202 *	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	1	E			
	+Q0-A23.19	51060615	LENZE 8 DIGITAL OUT EPM-S302 *	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	1				
	+Q0-A23.21	51060630	LENZE 4 V ANALOG IN EPM-S401 *	LENZE 4 V ANALOG IN EPM-S401	LENZE 4 V ANALOG IN EPM-S401	LENZE 4 V ANALOG IN EPM-S401	LENZE 4 V ANALOG IN EPM-S401	1				
	+Q0-A23.23	51060615	LENZE 8 DIGITAL OUT EPM-S302 *	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	1				
F	+Q0-XB24.1	51295355	CONNETTORE SUBCON-PLUS-CAN *	CONNECTOR SUBCON-PLUS-CAN *	CONECTOR SUBCON-PLUS-CAN *	CONNECTEUR SUBCON-PLUS-CAN *	VERBINER SUBCON-PLUS-CAN *	1	F			
	+Q0-P31.3	36520890	TERMOSTATO RITTAL SK3110	THERMOSTAT RITTAL SK3110	TERMOSTATO RITTAL SK3110	THERMOSTAT RITTAL SK3110	THERMOSTAT RITTAL SK3110	1				
	+Q0-K32.1	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	1				
	+Q0-K32.2	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	1				
	+Q0-K32.3	32300905	RELÈ A-B 700-HLT2Z24 TBR24VDC	RELAYS 700-HLT2Z24 TBR24VDC	RELE 700-HLT2Z24 TBR24VDC	RELAYS 700-HLT2Z24 TBR24VDC	RELAYS 700-HLT2Z24 TBR24VDC	1				
	+Q0-K32.4	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	1				
	+Q0-K32.5	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	1				
	+Q0-K32.6	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	1				
	Fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it				CREST BILL OF MATERIAL	customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
						job nr.	4607	REV		proj. sect.	=CRT+PO	
						serial nr.	COM17312	DEF		page	4 of 11	
	1	2	3	4	5	6	7	8	9	10		

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	REF.	CODE	DESCRIZIONE (I)	DESCRIPTION (UK)	DESCRIPCIÓN (S)	DESCRIPTION (F)	BESCHREIBUNG (D)	N #				
A	+Q0-K32.7	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAIS 700-HLT2Z24 TBS24 VDC	1	A			
	+Q0-K32.8	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAIS 700-HLT2Z24 TBS24 VDC	1				
	+Q0-K34.3	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAIS 700-HLT2Z24 TBS24 VDC	1				
	+Q0-HA34.1	37010405	BASE COL.LUM. LU7-02UFB+FB150*	BASE BECON LU7-02UFB	BASE COLUMNA LUM. LU7-02UFB *	BASE COLONNE LUM. LU7-02UFB *	BASIS LEUCHTS. LU7-02UFB *	1				
B	+Q0-H34.3	37010400	MODULO LUM.LED ROSSO LU7-E-R *	MODULE LUM.LED RED LU7-E-R	MODULO LUM.LED ROJO LU7-E-R *	MODULE LUM.DEL ROUGE LU7-E-R *	MODUL LEUCHT.LED ROT LU7-E-R *	1	B			
	+Q0-H34.1	37010402	MODULO LUM.LED VERDE LU7-E-G *	MODULE LUM.LED GREEN LU7-E-G	MODULO LUM.LED VERDE LU7-E-G *	MODULE LUM.DEL VERTE LU7-E-G *	MODUL LEUCHT.LED GRUEN LU7-E-G	1				
	+Q0-H34.2							1				
C	+Q0-K34.4	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAIS 700-HLT2Z24 TBS24 VDC	1	C			
	+Q0-K35.1	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAIS 700-HLT2Z24 TBS24 VDC	1				
D	+Q0-K35.6	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAIS 700-HLT2Z24 TBS24 VDC	1	D			
	+Q0-K35.2	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAIS 700-HLT2Z24 TBS24 VDC	1				
	+Q0-K35.3	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAIS 700-HLT2Z24 TBS24 VDC	1				
E	+Q0-L36.1							1	E			
	+Q0-B37.1	32341208	****ELETTRODO CGL 125/3 OMRON	CGL 125/3 OMRON ELECTRODE *	ELECTRODO CGL 125/3 OMRON *	ELECTRODE CGL 125/3 OMRON *	ELEKTRODE CGL 125/3 OMRON *	1				
F	+Q0-B37.2	32341208	****ELETTRODO CGL 125/3 OMRON	CGL 125/3 OMRON ELECTRODE *	ELECTRODO CGL 125/3 OMRON *	ELECTRODE CGL 125/3 OMRON *	ELEKTRODE CGL 125/3 OMRON *	1	F			
	+Q0-B37.3	32341208	****ELETTRODO CGL 125/3 OMRON	CGL 125/3 OMRON ELECTRODE *	ELECTRODO CGL 125/3 OMRON *	ELECTRODE CGL 125/3 OMRON *	ELEKTRODE CGL 125/3 OMRON *	1				
D	+Q0-B37.4	32341208	****ELETTRODO CGL 125/3 OMRON	CGL 125/3 OMRON ELECTRODE *	ELECTRODO CGL 125/3 OMRON *	ELECTRODE CGL 125/3 OMRON *	ELEKTRODE CGL 125/3 OMRON *	1	D			
	+Q0-A37.1	32341215	REG.DI LIV K8AK-LS1 24VACDC *	K8AK-LS1 24VACDC OMRON REGULAT	REG.DE NIVEL K8AK-LS1 24VACDC	REG.DE NIVEAU K8AK-LS1 24VACDC	STANDREGLER K8AK-LS1 24VACDC O	1				
E	+Q0-A37.2	32341215	REG.DI LIV K8AK-LS1 24VACDC *	K8AK-LS1 24VACDC OMRON REGULAT	REG.DE NIVEL K8AK-LS1 24VACDC	REG.DE NIVEAU K8AK-LS1 24VACDC	STANDREGLER K8AK-LS1 24VACDC O	1	E			
	+Q0-A47.1	31015035	ISOLATORE MINI MCR-SL-U-U *	PHOENIX CARD MCR-SL-U-U	TARJETA PHOENIX MCR-SL-U-U	CARTE PHOENIX MCR-SL-U-U	KARTE PHOENIX MCR-SL-U-U	1				
F	+Q0-A48.1	32345070	CONN.DRITTO MAS. M12-4PIN-PG7*	ELECTRIC CONNECTOR M12-4PIN-PG	CONNECTOR M12-4PIN-PG7	CONNECTEUR M12-4PIN-PG7	VERBINDER FUER MEHRFACHSTECKER	1	F			
	+Q0-A48.4	32345035	SCAT.DERIV.8VIE CONNETT. PNP *	JUNCTION BOX 8-WAY WITH CONN.	CAJA DE DERIVACION 8 VIE CON	BOITE BG 8 VIE AVEC CONNECTEU	8-WEG-ABZWEIGDOSE MIT VERB.	1				
E	+Q0-A48.5	32345055	CONNCT.PROL 10MT BG12793-100 *	CONNECTOR-CABLE 10MT BG12793-1	CONNECTOR 10MT BG12793-100	CONNECTEUR 10MT BG12793-100	VERB. VERLAENGERUNG 10M BG1279	1	E			
	+Q0-A48.6	32345070	CONN.DRITTO MAS. M12-4PIN-PG7*	ELECTRIC CONNECTOR M12-4PIN-PG	CONNECTOR M12-4PIN-PG7	CONNECTEUR M12-4PIN-PG7	VERBINDER FUER MEHRFACHSTECKER	1				
F	+Q0-A48.7	32345070	CONN.DRITTO MAS. M12-4PIN-PG7*	ELECTRIC CONNECTOR M12-4PIN-PG	CONNECTOR M12-4PIN-PG7	CONNECTEUR M12-4PIN-PG7	VERBINDER FUER MEHRFACHSTECKER	1	F			
	+Q0-A48.8	32345070	CONN.DRITTO MAS. M12-4PIN-PG7*	ELECTRIC CONNECTOR M12-4PIN-PG	CONNECTOR M12-4PIN-PG7	CONNECTEUR M12-4PIN-PG7	VERBINDER FUER MEHRFACHSTECKER	1				
F	+Q0-A48.3	32345070	CONN.DRITTO MAS. M12-4PIN-PG7*	ELECTRIC CONNECTOR M12-4PIN-PG	CONNECTOR M12-4PIN-PG7	CONNECTEUR M12-4PIN-PG7	VERBINDER FUER MEHRFACHSTECKER	1	F			
	+Q0-A48.2	32345070	CONN.DRITTO MAS. M12-4PIN-PG7*	ELECTRIC CONNECTOR M12-4PIN-PG	CONNECTOR M12-4PIN-PG7	CONNECTEUR M12-4PIN-PG7	VERBINDER FUER MEHRFACHSTECKER	1				
Fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it				CREST BILL OF MATERIAL		customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
						job nr.	4607	REV		proj. sect.	=CRT+PO	
						serial nr.	COM17312	DEF		page	5 of 11	
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	REF.	CODE	DESCRIZIONE (I)	DESCRIPTION (UK)	DESCRIPCIÓN (S)	DESCRIPTION (F)	BESCHREIBUNG (D)	N #		
A	+Q0-48.5.6	51284971	CONNETTORE ANDERSON PER BATT.*	ANDERSON CONNECTOR FOR BATTERY	CONNECTOR ANDERSON PARA BATERIE	CONNECTEUR ANDERSON PER BATT.*	VERBINDER ANDERSON FUER BATT.*	1	A	
	+Q0-48.5.7	51284971	CONNETTORE ANDERSON PER BATT.*	ANDERSON CONNECTOR FOR BATTERY	CONNECTOR ANDERSON PARA BATERIE	CONNECTEUR ANDERSON PER BATT.*	VERBINDER ANDERSON FUER BATT.*	1		
	+Q0-48.5.3	51284971	CONNETTORE ANDERSON PER BATT.*	ANDERSON CONNECTOR FOR BATTERY	CONNECTOR ANDERSON PARA BATERIE	CONNECTEUR ANDERSON PER BATT.*	VERBINDER ANDERSON FUER BATT.*	1		
	+Q0-48.5.4	51284971	CONNETTORE ANDERSON PER BATT.*	ANDERSON CONNECTOR FOR BATTERY	CONNECTOR ANDERSON PARA BATERIE	CONNECTEUR ANDERSON PER BATT.*	VERBINDER ANDERSON FUER BATT.*	1		
B	+Q0-48.5.5	51284971	CONNETTORE ANDERSON PER BATT.*	ANDERSON CONNECTOR FOR BATTERY	CONNECTOR ANDERSON PARA BATERIE	CONNECTEUR ANDERSON PER BATT.*	VERBINDER ANDERSON FUER BATT.*	1	B	
	+Q0-48.5.2	51284971	CONNETTORE ANDERSON PER BATT.*	ANDERSON CONNECTOR FOR BATTERY	CONNECTOR ANDERSON PARA BATERIE	CONNECTEUR ANDERSON PER BATT.*	VERBINDER ANDERSON FUER BATT.*	1		
	+Q0-48.5.1	51284971	CONNETTORE ANDERSON PER BATT.*	ANDERSON CONNECTOR FOR BATTERY	CONNECTOR ANDERSON PARA BATERIE	CONNECTEUR ANDERSON PER BATT.*	VERBINDER ANDERSON FUER BATT.*	1		
	+Q0-48.5	51284971	CONNETTORE ANDERSON PER BATT.*	ANDERSON CONNECTOR FOR BATTERY	CONNECTOR ANDERSON PARA BATERIE	CONNECTEUR ANDERSON PER BATT.*	VERBINDER ANDERSON FUER BATT.*	1		
C	+Q0-A49.3	32345035	SCAT.DERIV.8VIE CONNETT. PNP *	JUNCTION BOX 8-WAY WITH CONN.	CAJA DE DERIVACION 8 VIE CON	BOITE BG 8 VIE AVEC CONNECTEU	8-WEG-ABZWEIGDOSE MIT VERB.	1	C	
	+Q0-A49.1	32345070	CONN.DRITTO MAS. M12-4PIN-PG7*	ELECTRIC CONNECTOR M12-4PIN-PG	CONNECTOR M12-4PIN-PG7	CONNECTEUR M12-4PIN-PG7	VERBINDER FUER MEHRFACHSTECKER	1		
	+Q0-A49.2	32345070	CONN.DRITTO MAS. M12-4PIN-PG7*	ELECTRIC CONNECTOR M12-4PIN-PG	CONNECTOR M12-4PIN-PG7	CONNECTEUR M12-4PIN-PG7	VERBINDER FUER MEHRFACHSTECKER	1		
	+Q0-A49.5	32345070	CONN.DRITTO MAS. M12-4PIN-PG7*	ELECTRIC CONNECTOR M12-4PIN-PG	CONNECTOR M12-4PIN-PG7	CONNECTEUR M12-4PIN-PG7	VERBINDER FUER MEHRFACHSTECKER	1		
D	+Q0-A49.6	32345070	CONN.DRITTO MAS. M12-4PIN-PG7*	ELECTRIC CONNECTOR M12-4PIN-PG	CONNECTOR M12-4PIN-PG7	CONNECTEUR M12-4PIN-PG7	VERBINDER FUER MEHRFACHSTECKER	1	D	
	+Q0-A49.4	32345055	CONNED.PROL.10MT BG12793-100 *	CONNECTOR-CABLE 10MT BG12793-1	CONNECTOR 10MT BG12793-100	CONNECTEUR 10MT BG12793-100	VERB. VERLAENGERUNG 10M BG1279	1		
	+Q0-K52.1	32060002	DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	CONTACTO DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	KONTAKTE DILM9-10 (24VDC)	1		
	+Q0-K52.2	32060002	DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	CONTACTO DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	KONTAKTE DILM9-10 (24VDC)	1		
E	+Q0-K52.3	32060002	DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	CONTACTO DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	KONTAKTE DILM9-10 (24VDC)	1	E	
	+Q0-K52.4	32060002	DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	CONTACTO DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	KONTAKTE DILM9-10 (24VDC)	1		
	+Q0-K56.1	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	1		
	+Q0-K56.3	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	1		
F	+Q0-K56.5	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	1	F	
	+Q0-K56.6	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	1		
	+Q0-K56.4	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	1		
	+Q0-K56.2	32300900	RELÈ A-B 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELE 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	RELAYS 700-HLT2Z24 TBS24 VDC	1		
F	+Q0-A58.1	51283046	DSP 400 EA *	DSP 400 EA	DSP 400 EA	DSP 400 EA	DSP 400 EA	1		
	+Q0-A62.1	51283046	DSP 400 EA *	DSP 400 EA	DSP 400 EA	DSP 400 EA	DSP 400 EA	1		
	+Q0-A71.1	51060610	LENZE 8 DIGITAL IN EPM-S202 *	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	1		
	+Q0-A71.3	51060610	LENZE 8 DIGITAL IN EPM-S202 *	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	LENZE 8 DIGITAL IN EPM-S202	1		
Fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it				CREST BILL OF MATERIAL		customer job nr. serial nr.	CORRUGADORA GUATEMA REV DEF	REL L.CENTI DEF	31/05/17 proj. sect. page	issued =CRT+PO 6 of 11
1	2	3	4	5	6	7	8	9	10	

	1	2	3	4	5	6	7	8	9	10		
	REF.	CODE	DESCRIZIONE (I)	DESCRIPTION (UK)	DESCRIPCIÓN (S)	DESCRIPTION (F)	BESCHREIBUNG (D)	N #				
A	+Q0-A71.4	51060615	LENZE 8 DIGITAL OUT EPM-S302 *	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	LENZE 8 DIGITAL OUT EPM-S302	1	A			
	+Q0-A71.5	51060640	LENZE 4V ANALOG OUT EPM-S501 *	LENZE 4V ANALOG OUT EPM-S501	LENZE 4V ANALOG OUT EPM-S501	LENZE 4V ANALOG OUT EPM-S501	LENZE 4V ANALOG OUT EPM-S501	1				
	+Q0-A78.1	51296806	SWITCH PHOENIX SFNB 5TX 24VDC*	SWITCH 5P PHOENIX SFN 5TXB 24V	SWITCH 5P PHOENIX SFN 5TXB 24V	SWITCH 5P PHOENIX SFN 5TXB 24V	SWITCH 5P PHOENIX SFN 5TXB 24V	1				
	+Q0-A79.1	51060036	INT.EMF2180IB GATEWAY BUS/ETH*	EMF2180IB LENZE INTERFACE	INTERFAZ EMF2180IB LENZE	INTERF.EMF2180IB LENZE	SCHNITTSTELLE EMF2180IB LENZE	1				
B	+Q0-XB79.1	51295355	CONNETTORE SUBCON-PLUS-CAN *	CONNECTOR SUBCON-PLUS-CAN *	CONECTOR SUBCON-PLUS-CAN *	CONNECTEUR SUBCON-PLUS-CAN *	VERBINDER SUBCON-PLUS-CAN *	1	B			
	+Q0-K81.1	32060002	DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	CONTACTO DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	KONTAKTE DILM9-10 (24VDC)	1				
	+Q0-K81.2	32060002	DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	CONTACTO DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	KONTAKTE DILM9-10 (24VDC)	1				
	+Q0-K81.3	32060002	DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	CONTACTO DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	KONTAKTE DILM9-10 (24VDC)	1				
C	+Q0-K81.4	32060002	DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	CONTACTO DILM9-10 (24VDC)	CONTACT DILM9-10 (24VDC)	KONTAKTE DILM9-10 (24VDC)	1	C			
	+Q0-PE84.1	36080095	BARRA TERRA M5 12X4X990MM *	37389 LEGRAND GROUND BAR	BARRA TIERRA ART.37389 LEGRAND	BARRE ART 37389 LEGRAND	ERDSTANGE ART. 37389 LEGRAND	1				
	+Q0-XB85.1	51295355	CONNETTORE SUBCON-PLUS-CAN *	CONNECTOR SUBCON-PLUS-CAN *	CONECTOR SUBCON-PLUS-CAN *	CONNECTEUR SUBCON-PLUS-CAN *	VERBINDER SUBCON-PLUS-CAN *	1				
	+Q0-A85.1	32120869	CONFIGURATORE XPSMC32ZC *	CONFIGURATOR XPSMC32ZC	CONFIGURADOR XPSMC32ZC	UNITE DE CONFIGURATION XPSMC32	KONFIGURIERIER XPSMC32ZC	1				
D	+Q0-A85.1	32120869	CONFIGURATORE XPSMC32ZC *	CONFIGURATOR XPSMC32ZC	CONFIGURADOR XPSMC32ZC	UNITE DE CONFIGURATION XPSMC32	KONFIGURIERIER XPSMC32ZC	2	D			
	+Q0-K88.2	32300907	DIODO RELÈ A-B 700-ADL1 *	DIODE ADL1	DIODO ADL1	DIODE ADL1	DIODE ADL1	1				
	+Q0-K88.2	32300908	BASE RELÈ A-B 700-HN104 *	BASE 700-HN104 A-B	SOPORTE 700-HN104 A-B	SUPPORT 700-HN104 A-B	SOCKEL 700-HN104 A-B	1				
	+Q0-K88.2	32300911	RELÈ A-B 700-HC24Z24 24VDC *	RELAYS 700-HC24Z24 24VDC A-B	RELE 700-HC24Z24 24VDC A-B	RELAYS 700-HC24Z24 24VDC A-B	RELAIS 700-HC24Z24 24VDC A-B	1				
E	+Q0-K88.2	32300913	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	1	E			
	+Q0-A85.1	32120869	CONFIGURATORE XPSMC32ZC *	CONFIGURATOR XPSMC32ZC	CONFIGURADOR XPSMC32ZC	UNITE DE CONFIGURATION XPSMC32	KONFIGURIERIER XPSMC32ZC	1				
	+Q0-K88.3	32300907	DIODO RELÈ A-B 700-ADL1 *	DIODE ADL1	DIODO ADL1	DIODE ADL1	DIODE ADL1	1				
	+Q0-K88.3	32300908	BASE RELÈ A-B 700-HN104 *	BASE 700-HN104 A-B	SOPORTE 700-HN104 A-B	SUPPORT 700-HN104 A-B	SOCKEL 700-HN104 A-B	1				
F	+Q0-K88.3	32300911	RELÈ A-B 700-HC24Z24 24VDC *	RELAYS 700-HC24Z24 24VDC A-B	RELE 700-HC24Z24 24VDC A-B	RELAYS 700-HC24Z24 24VDC A-B	RELAIS 700-HC24Z24 24VDC A-B	1	F			
	+Q0-K88.3	32300913	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	1				
	+Q0-K88.4	32300907	DIODO RELÈ A-B 700-ADL1 *	DIODE ADL1	DIODO ADL1	DIODE ADL1	DIODE ADL1	1				
	+Q0-K88.4	32300908	BASE RELÈ A-B 700-HN104 *	BASE 700-HN104 A-B	SOPORTE 700-HN104 A-B	SUPPORT 700-HN104 A-B	SOCKEL 700-HN104 A-B	1				
G	+Q0-K88.4	32300911	RELÈ A-B 700-HC24Z24 24VDC *	RELAYS 700-HC24Z24 24VDC A-B	RELE 700-HC24Z24 24VDC A-B	RELAYS 700-HC24Z24 24VDC A-B	RELAIS 700-HC24Z24 24VDC A-B	1	G			
	+Q0-K88.4	32300913	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	1				
	+Q0-K88.5	32300907	DIODO RELÈ A-B 700-ADL1 *	DIODE ADL1	DIODO ADL1	DIODE ADL1	DIODE ADL1	1				
Fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagratì (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it				CREST BILL OF MATERIAL		customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
						job nr.	4607	REV			proj. sect.	=CRT+PO
						serial nr.	COM17312	DEF			page	7 of 11
1	2	3	4	5	6	7	8	9	10			

	1	2	3	4	5	6	7	8	9	10
	REF.	CODE	DESCRIZIONE (I)	DESCRIPTION (UK)	DESCRIPCIÓN (S)	DESCRIPTION (F)	BESCHREIBUNG (D)	N #		
A	+Q0-K88.5	32300908	BASE RELÈ A-B 700-HN104 *	BASE 700-HN104 A-B	SOPORTE 700-HN104 A-B	SUPPORT 700-HN104 A-B	SOCKEL 700-HN104 A-B	1	A	
	+Q0-K88.5	32300911	RELÈ A-B 700-HC24Z24 24VDC *	RELAYS 700-HC24Z24 24VDC A-B	RELE 700-HC24Z24 24VDC A-B	RELAYS 700-HC24Z24 24VDC A-B	RELAIS 700-HC24Z24 24VDC A-B	1		
	+Q0-K88.5	32300913	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	1		
	+Q0-K88.6	32300907	DIODO RELÈ A-B 700-ADL1 *	DIODE ADL1	DIODO ADL1	DIODE ADL1	DIODE ADL1	1		
B	+Q0-K88.6	32300908	BASE RELÈ A-B 700-HN104 *	BASE 700-HN104 A-B	SOPORTE 700-HN104 A-B	SUPPORT 700-HN104 A-B	SOCKEL 700-HN104 A-B	1	B	
	+Q0-K88.6	32300911	RELÈ A-B 700-HC24Z24 24VDC *	RELAYS 700-HC24Z24 24VDC A-B	RELE 700-HC24Z24 24VDC A-B	RELAYS 700-HC24Z24 24VDC A-B	RELAIS 700-HC24Z24 24VDC A-B	1		
	+Q0-K88.6	32300913	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	1		
	+Q0-K88.1	32300907	DIODO RELÈ A-B 700-ADL1 *	DIODE ADL1	DIODO ADL1	DIODE ADL1	DIODE ADL1	1		
C	+Q0-K88.1	32300908	BASE RELÈ A-B 700-HN104 *	BASE 700-HN104 A-B	SOPORTE 700-HN104 A-B	SUPPORT 700-HN104 A-B	SOCKEL 700-HN104 A-B	1	C	
	+Q0-K88.1	32300911	RELÈ A-B 700-HC24Z24 24VDC *	RELAYS 700-HC24Z24 24VDC A-B	RELE 700-HC24Z24 24VDC A-B	RELAYS 700-HC24Z24 24VDC A-B	RELAIS 700-HC24Z24 24VDC A-B	1		
	+Q0-K88.1	32300913	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	CLIP A-B 700-HN114 PER 700-HC	1		
								1		
D	+CO-SB3.1	30800105	PULSANTE STOP ZB4-BA4347	STOP BUTTON ZB4-BA4347	PULSADOR ALTO ZB4-BA4347	BOUT. STOP ZB4-BA4347	STOPP-TASTE ZB4-BA4347	1	D	
	+CO-SB3.1	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1		
	+CO-SB3.1	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	1		
	+CO-SB3.2	30800000	PULSANTE NERO ZB4-BA27	BLACK BUTTON ZB4-BA27	PULSADOR NEGRO ZB4-BA27	BOUTON NOIR ZB4-BA27	TASTE SCHWARZ ZB4-BA27	1		
E	+CO-SB3.2	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1	E	
	+CO-SB3.2	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	1		
	+CO-SA3.1	30800165	SELETTORE 3P ZB4-BD57 INSTAB.	SELECTOR 3P UNSTABLE ZB4-BD57	SELECTOR 3P INSTAB. ZB4-BD57	SELECTEUR 3P INSTAB. ZB4-BD57	WAHLER 3P INSTAB. ZB4-BD57	1		
	+CO-SA3.1	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1		
F	+CO-SA3.1	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	4	F	
	+CO-SA3.1	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	4		
	+CO-SA3.1	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	4		
	+CO-SB3.3	30800000	PULSANTE NERO ZB4-BA27	BLACK BUTTON ZB4-BA27	PULSADOR NEGRO ZB4-BA27	BOUTON NOIR ZB4-BA27	TASTE SCHWARZ ZB4-BA27	1		
G	+CO-SB3.3	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1	G	
	+CO-SB3.3	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	1		
	+CO-SB3.5	30800200	PULSANTE LUM. BIAN. ZB4-BW3137	BRIGHT WHITE BUTTON. ZB4-BW313	PULS. LUMINOSO BLANCO ZB4-BW313	BUTTONS LIMINAUXILIAIRE BLANC	LEUCHTTASTE WEISS ZB4-BW3137	1		
Fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it				CREST BILL OF MATERIAL		customer job nr. serial nr.	CORRUGADORA GUATEMA REV DEF	REL L.CENTI DEF	31/05/17 proj. sect. page	issued =CRT+PO 8 of 11
1	2	3	4	5	6	7	8	9	10	

	1	2	3	4	5	6	7	8	9	10		
	REF.	CODE	DESCRIZIONE (I)	DESCRIPTION (UK)	DESCRIPCIÓN (S)	DESCRIPTION (F)	BESCHREIBUNG (D)	N #				
A	+CO-SB3.5	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1	A			
	+CO-SB3.5	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	1				
	+CO-SB3.5	30800450	LED 24V BIANCO ZBV-B1	LED 24V WHITE ZBV-B1	LED 24V BLANCO ZBV-B1	LED 24V BLANC ZBV-B1	LED 24V WEISS ZBV-B1	1				
	+CO-SA3.2	30800173	SEL.CHIAVE UNICA 2P ZB4-BG2107	ZB4-BG2107 2 POS. KEY SELECTOR	SEL.LLAVE UNICA 2P ZB4-BG2107	SEL.CLE UNIQUE 2P ZB4-BG2107	SCHLUESSELSCH. EIND. 2P ZB4-BG	1				
B	+CO-SA3.2	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1	B			
	+CO-SA3.2	30800415	CONTATTO N.C.ZBE-102 ZB4	CONN. N.C.ZBE-102	CONTACT N.C.ZBE-102	CONTACT N.C.ZBE-102	KONTAKTE N.C.ZBE-102 ZB4	1				
	+CO-SA8.1	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	1				
	+CO-SA4.1	30800165	SELETTORE 3P ZB4-BD57 INSTAB.	SELECTOR 3P UNSTABLE ZB4-BD57	SELECTOR 3P INSTAB. ZB4-BD57	SELECTEUR 3P INSTAB. ZB4-BD57	WAHLER 3P INSTAB. ZB4-BD57	1				
C	+CO-SA4.1	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1	C			
	+CO-SA4.1	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	2				
	+CO-SA4.2	30800165	SELETTORE 3P ZB4-BD57 INSTAB.	SELECTOR 3P UNSTABLE ZB4-BD57	SELECTOR 3P INSTAB. ZB4-BD57	SELECTEUR 3P INSTAB. ZB4-BD57	WAHLER 3P INSTAB. ZB4-BD57	1				
	+CO-SA4.2	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1				
D	+CO-SA4.2	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	2	D			
	+CO-SA4.3	30800165	SELETTORE 3P ZB4-BD57 INSTAB.	SELECTOR 3P UNSTABLE ZB4-BD57	SELECTOR 3P INSTAB. ZB4-BD57	SELECTEUR 3P INSTAB. ZB4-BD57	WAHLER 3P INSTAB. ZB4-BD57	1				
	+CO-SA4.3	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1				
	+CO-SA4.3	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	2				
E	+CO-SA4.6	30800165	SELETTORE 3P ZB4-BD57 INSTAB.	SELECTOR 3P UNSTABLE ZB4-BD57	SELECTOR 3P INSTAB. ZB4-BD57	SELECTEUR 3P INSTAB. ZB4-BD57	WAHLER 3P INSTAB. ZB4-BD57	1	E			
	+CO-SA4.6	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1				
	+CO-SA4.6	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	2				
	+CO-SA4.7	30800165	SELETTORE 3P ZB4-BD57 INSTAB.	SELECTOR 3P UNSTABLE ZB4-BD57	SELECTOR 3P INSTAB. ZB4-BD57	SELECTEUR 3P INSTAB. ZB4-BD57	WAHLER 3P INSTAB. ZB4-BD57	1				
F	+CO-SA4.7	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1	F			
	+CO-SA4.7	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	2				
	+CO-SA4.8	30800165	SELETTORE 3P ZB4-BD57 INSTAB.	SELECTOR 3P UNSTABLE ZB4-BD57	SELECTOR 3P INSTAB. ZB4-BD57	SELECTEUR 3P INSTAB. ZB4-BD57	WAHLER 3P INSTAB. ZB4-BD57	1				
	+CO-SA4.8	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1				
F	+CO-SA4.8	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	2	F			
	+CO-SA4.4	30800295	SELETTORE ZB4-BK13637 3P BLU *	SELECTOR 3P ZB4-BK13637*	SELECTOR 3P ZB4-BK13637*	SELECTEUR 3P ZB4-BK13637*	WAHLER 3P ZB4-BK13637*	1				
	+CO-SA4.4	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1				
	+CO-SA4.4	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	2				
Fosber S.p.A. via Provinciale per Camaiore, 27/28 55060 Monsagrati (Lucca) - ITALIA T. +39.0583.3891 - F. +39.0583.389205 / 385567 E-mail: info@fosber.it				CREST BILL OF MATERIAL		customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
						job nr.	4607	REV			proj. sect.	=CRT+PO
						serial nr.	COM17312	DEF			page	9 of 11
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	REF.	CODE	DESCRIZIONE (I)	DESCRIPTION (UK)	DESCRIPCIÓN (S)	DESCRIPTION (F)	BESCHREIBUNG (D)	N #		
A	+CO-SA4.4	30800470	LED 24V BLU ZBV-B6	LED 24V BLUE ZBV-B6	LED 24V BLEU ZBV-B6	LED 24V BLEU ZBV-B6	LED 24V BLU ZBV-B6	1	A	
	+CO-SA4.5	30800295	SELETTORE ZB4-BK13637 3P BLU *	SELECTOR 3P ZB4-BK13637*	SELECTOR 3P ZB4-BK13637*	SELECTEUR 3P ZB4-BK13637*	WAHLER 3P ZB4-BK13637*	1		
	+CO-SA4.5	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1		
	+CO-SA4.5	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	2		
B	+CO-SA4.5	30800470	LED 24V BLU ZBV-B6	LED 24V BLUE ZBV-B6	LED 24V BLEU ZBV-B6	LED 24V BLEU ZBV-B6	LED 24V BLU ZBV-B6	1	B	
	+CO-H5.1	30800360	TESTA LAMPADA ZB4-BV043 ROSSA	LAMP HEAD ZB4-BV043 RED	TAPON PARA LAMPARA ZB4-BV043 R	TETE LAMPE ZB4-BV043 ROUGE	KOPFTEIL LAMPE ZB4-BV043 ROT	1		
	+CO-H5.1	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1		
	+CO-H5.1	30800460	LED 24V ROSSO ZBV-B4	LED 24V RED ZBV-B4	LED 24V ROUGE ZBV-B4	LED 24V ROUGE ZBV-B4	LED 24V ROSSO ZBV-B4	1		
C	+CO-H5.2	30800350	TESTA LAMPADA BIANCA ZB4-BV013	LAMP HEAD ZB4-BV013 WHITE	TAPON PARA LAMPARA ZB4-BV013 B	TETE LAMPE ZB4-BV013 BLANC	KOPFTEIL LAMPE ZB4-BV013 WEISS	1	C	
	+CO-H5.2	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1		
	+CO-H5.2	30800450	LED 24V BIANCO ZBV-B1	LED 24V WHITE ZBV-B1	LED 24V BLANCO ZBV-B1	LED 24V BLANC ZBV-B1	LED 24V WEISS ZBV-B1	1		
	+CO-SB8.2	30800060	PULSANTE ZB4-BL47 ROSSO SPORG.	RED LEAN. BUTTON ZB4-BL47	PULS. ZB4-BL47 ROJO	BOUT. ROUGE PROE. ZB4-BL47	TASTE ROT HERVORSPR. ZB4-BL47	1		
D	+CO-SB8.2	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1	D	
	+CO-SB8.2	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	1		
	+CO-SB8.2	30800415	CONTATTO N.C.ZBE-102 ZB4	CONN. N.C.ZBE-102	CONTACT N.C.ZBE-102	CONTACT N.C.ZBE-102	KONTAKTE N.C.ZBE-102 ZB4	2		
	+CO-SA8.1	30800171	SELETTORE CHIAVE 2P ZB4-BG027*	KEY SELECTOR 2P ZB4-BG027*	SELECTOR CLE 2P ZB4-BG027*	SELECTEUR CLE 2P ZB4-BG027*	WAHLER CLE 2P ZB4-BG027*	1		
E	+CO-SA8.1	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1	E	
	+CO-SA8.1	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	1		
	+CO-SA8.1	30800415	CONTATTO N.C.ZBE-102 ZB4	CONN. N.C.ZBE-102	CONTACT N.C.ZBE-102	CONTACT N.C.ZBE-102	KONTAKTE N.C.ZBE-102 ZB4	2		
	+CO-SB8.3	30800205	PULSANTE LUM.ZB4-BW3337 VERD.	BRIGHT GREEN BUTTON. ZB4-BW333	PULSADOR LUMINOSO ZB4-BW3337 V	BUTTONS LUMINEUX VERT ZB4-BW3	LEUCHTTASTE GRUEN ZB4-BW3337	1		
F	+CO-SB8.3	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1	F	
	+CO-SB8.3	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	4		
	+CO-SB8.3	30800455	LED 24V VERDE ZBV-B3	LED 24V GREEN ZBV-B3	LED 24V VERT ZBV-B3	LED 24V VERT ZBV-B3	LED 24V GRUEN ZBV-B3	1		
	+CO-XB8.1	31052031	CONNETTORE ETHERNET ENSP1F5 *	ETHERNET ENSP1F5 CONNECTOR*	CONNECTOR ETHERNET ENSP1F5 *	CONNECTEUR ETHERNET ENSP1F5 *	VERBINDER ETHERNET ENSP1F5 *	1		
F	+CO-XB8.1	31052033	TAPPO PER CONN. 67-0300 *	67-0300 CONNECTOR CAP *	TAPON PARA CONN. 67-0300 *	BOUCHON POUR CONN. 67-0300	ABD. F. VERB. 67-0300 *	1	F	
	+CO-SB8.1	30800101	PULS.ZB4-BS8447SIC ROSSO FUNGO	ZB4-BS8447SIC RED BUTTON	PULS. ZB4-BS8447SIC ROJO SETA	BOUT. ZB4-BS8447SIC ROUGE	SCHLAGTASTE ZB4-BS8447SIC ROT	1		
	+CO-SB8.1	30800400	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASE ZB4-BZ009	BASIS ZB4-BZ009	1		
	+CO-SB8.1	30800410	CONTATTO N.O.ZBE-101 ZB4	CONN. N.A.ZBE-101	CONTACTO N.A.ZBE-101	CONTACT N.A.ZBE-101	KONTAKTE N.O.ZBE-101 ZB4	1		

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CREST
BILL OF MATERIAL

customer	CORRUGADORA GUATEMA	REL	L.CENTI	31/05/17	issued	31/05/2017
job nr.	4607	REV			proj. sect.	=CRT+PO
serial nr.	COM17312	DEF			page	10 of 11

