

WEIGHING UNIT 63WG1

LOCAL PANEL WK-63.1

FOR SABIZ PLANT

JOB : 1E35Z


WIRING DIAGRAMS

INDEX - TAGS LIST

EQUIPMENTS LIST - TERMINAL STRIP

The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies.

L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.


	Drawing supplier	Rev. 1				
	Drawing 1E35Z-85-1204	Sheets 1 of 19				
			1	UPDATED AFTER FAT	DR	24-02-2011
	Plant SABIZ 25t/h		0	ISSUE FOR APPROVAL	DR	27/01/2011
			Revision	Issue description	Author	Date

Sheet	Revisions				
	Description	0	1	2	3
001	COVER PAGE	x	x		
002	INDEX	x	x		
003	POWER INSTALLED	x	x		
004	SYMBOL LIST	x	x		
005	PANEL LAYOUT	x	x		
006	MAIN FEEDING PANEL	x	x		
007	LEVEL TRANSMITTER	x	x		
008	LOCAL-AUTO SELECTOR	x	x		
009	MANUAL CONTROLS	x	x		
010	RUN SIGNALLINGS	x	x		
011	VALVES CONTROL	x	x		
012	PNEUMATIC VIBRATOR	x	x		
013	LAMPS VALVES POSITION	x	x		
014	PLANT	x	x		
015	TERMINAL BLOCK XP	x	x		
016	TERMINAL BLOCK XA	x	x		
017	TERMINAL BLOCK XA	x	x		
018	TERMINAL BLOCK XS	x	x		
019	EQUIPMENT LIST	x	x		
020					
021					
022					
023					
024					
025					
026					
027					
028					
029					
030					
031					
032					
033					
034					
035					
036					
037					
038					
039					
040					
041					
042					
043					
044					
045					

Sheet	Revisions				
	Description	0	1	2	3
046					
047					
048					
049					
050					
051					
052					
053					
054					
055					
056					
057					
058					
059					
060					
061					
062					
063					
064					
065					
066					
067					
068					
069					
070					
071					
072					
073					
074					
075					
076					
077					
078					
079					
080					
081					
082					
083					
084					
085					
086					
087					
088					
089					
090					


The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies.































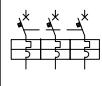
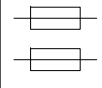









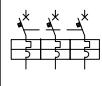
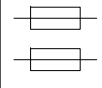




















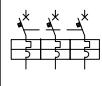
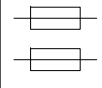




L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.

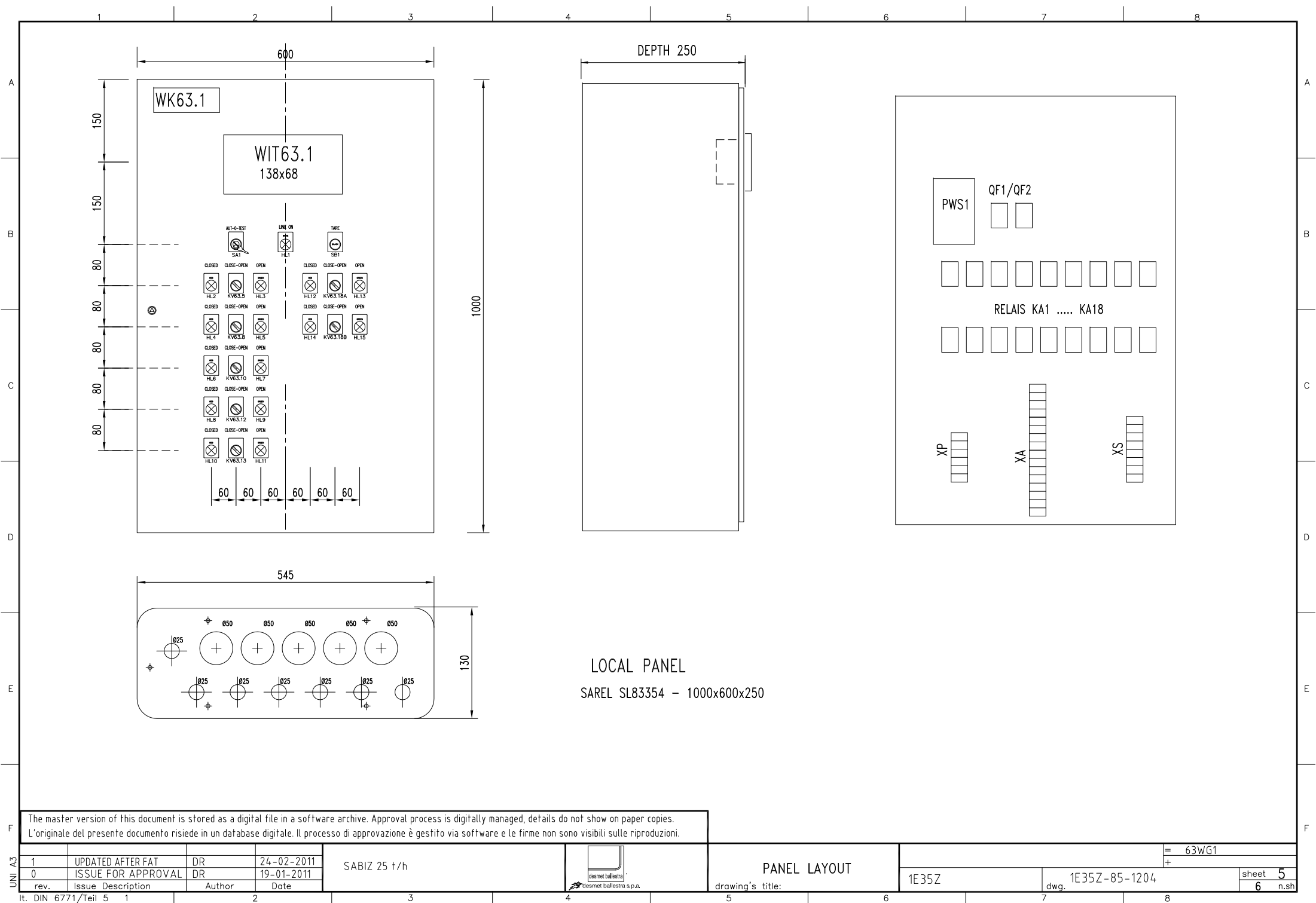
	Drawing supplier	Rev. 1	Plant SABIZ 25 t/h				
	Drawing 1E35Z-85-1204	Sheet 2	Drawing's title INDEX	1	UPDATED AFTER FAT	DR	24/02/2011
		Next 3		0	ISSUE FOR APPROVAL	DR	27/01/2011
				Revision	Issue description	Author	Date

POSITION N. ITEM	DESCRIPTION	LOAD CELL TYPE	CELLS SENSITIVITY SUPPLY	LOCAL PANEL	ON BOARD	SEPARATED	ANTICOND. R. MOTOR	TRANSMITTER TYPE	SYSTEM FULL SCALE Kg	DENSITY Kg/m3	COMPONENTS	
1	63WG1	VESSEL	3xC2S 5	2mV/V 10V	110V-50Hz		X		SD/01	7000	700	LIQUID MIX
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												


L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.

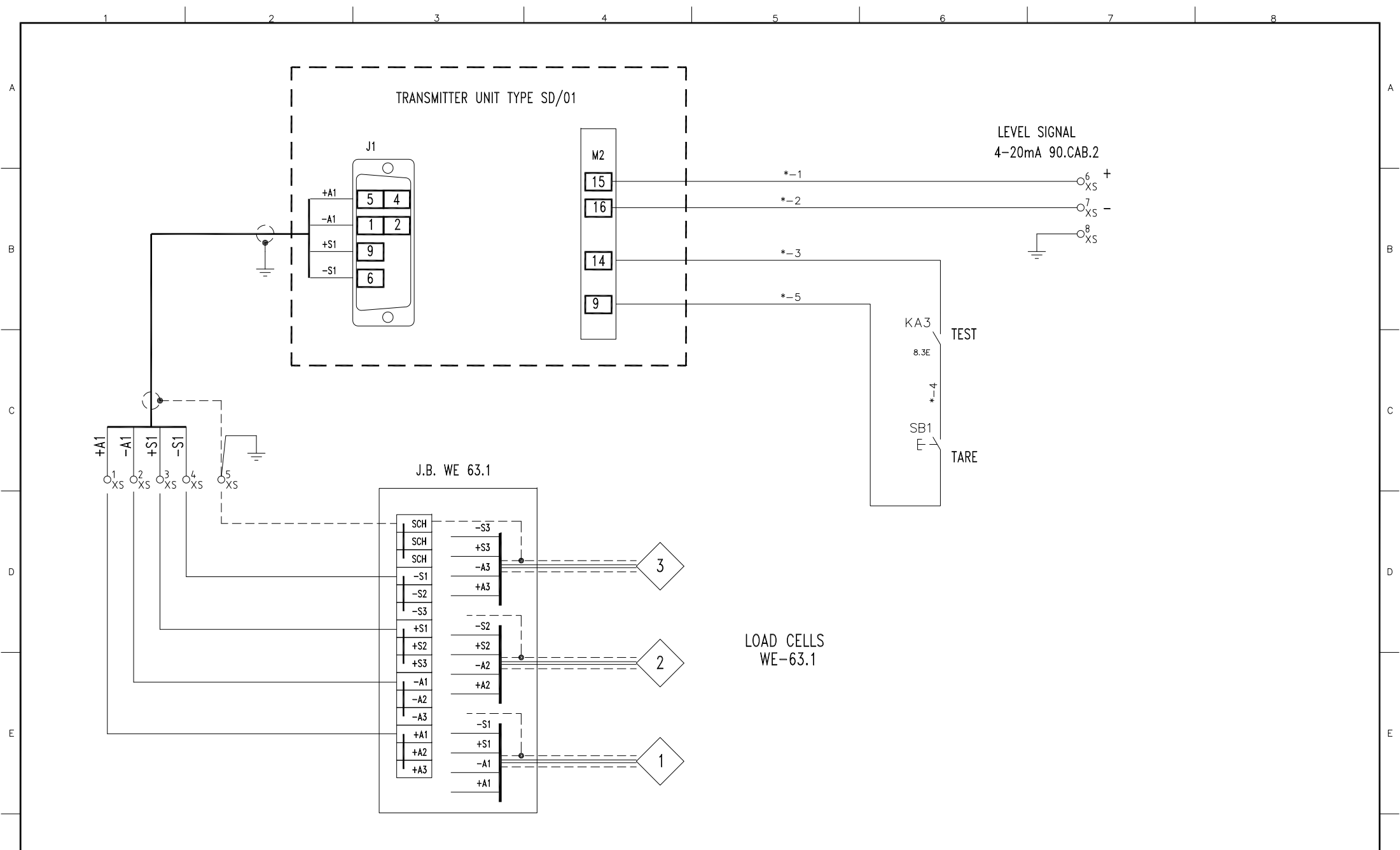
 <small>Desmet Ballestra s.p.a.</small>	Drawing supplier	Rev. 1	Plant SABIZ 25t/h				
	Drawing 1E35Z-85-1204	Sheet 3	Drawing's title POWER INSTALLED	1	UPDATED AFTER FAT	DR	24/02/2011
		Next 4		0	ISSUE FOR APPROVAL	DR	27/01/2011
				Revision	Issue description	Author	Date

	1	2	3	4	5	6	7	8																																																																																																	
A	<table><tr><td>Sim.\Sym.</td><td>File</td><td colspan="2">Descrizione\Description</td></tr><tr><td></td><td>C1031</td><td colspan="2">Control Relay</td></tr><tr><td></td><td>C1031P</td><td colspan="2">Control Relay</td></tr><tr><td></td><td>C1130</td><td colspan="2">Single phase Transformer</td></tr><tr><td></td><td>C1205</td><td colspan="2">Three phase Motor</td></tr><tr><td></td><td>C1209</td><td colspan="2">Single phase Motor</td></tr><tr><td></td><td>C1263</td><td colspan="2">3 Positions Selector</td></tr><tr><td></td><td>C1277</td><td colspan="2">RC Unit</td></tr><tr><td></td><td>C2094</td><td colspan="2">Solenoid Valve</td></tr><tr><td></td><td>C2102</td><td colspan="2">Fuse</td></tr><tr><td></td><td>C2103</td><td colspan="2">Resistor</td></tr><tr><td></td><td>C2109</td><td colspan="2">Diode</td></tr></table>				Sim.\Sym.	File	Descrizione\Description			C1031	Control Relay			C1031P	Control Relay			C1130	Single phase Transformer			C1205	Three phase Motor			C1209	Single phase Motor			C1263	3 Positions Selector			C1277	RC Unit			C2094	Solenoid Valve			C2102	Fuse			C2103	Resistor			C2109	Diode		<table><tr><td>Sim.\Sym.</td><td>File</td><td colspan="2">Descrizione\Description</td></tr><tr><td></td><td>C2117</td><td colspan="2">Lamp</td></tr><tr><td></td><td>C2120</td><td colspan="2">Lamp with transformer</td></tr><tr><td></td><td>C2211</td><td colspan="2">Pushbutton N.O.</td></tr><tr><td></td><td>C2212</td><td colspan="2">Pushbutton N.C.</td></tr><tr><td></td><td>C2222</td><td colspan="2">Thermostat</td></tr><tr><td></td><td>C3005</td><td colspan="2">Three-pole Disconnect</td></tr><tr><td></td><td>C3091</td><td colspan="2">Power Fuses</td></tr><tr><td></td><td>C4010</td><td colspan="2">Power Circuit Breaker</td></tr><tr><td></td><td>C4048</td><td colspan="2">Circuit Breaker</td></tr><tr><td></td><td>C4091</td><td colspan="2">Power Fuses</td></tr><tr><td></td><td>C4100</td><td colspan="2">Proximity</td></tr></table>				Sim.\Sym.	File	Descrizione\Description			C2117	Lamp			C2120	Lamp with transformer			C2211	Pushbutton N.O.			C2212	Pushbutton N.C.			C2222	Thermostat			C3005	Three-pole Disconnect			C3091	Power Fuses			C4010	Power Circuit Breaker			C4048	Circuit Breaker			C4091	Power Fuses			C4100	Proximity		
Sim.\Sym.	File	Descrizione\Description																																																																																																							
	C1031	Control Relay																																																																																																							
	C1031P	Control Relay																																																																																																							
	C1130	Single phase Transformer																																																																																																							
	C1205	Three phase Motor																																																																																																							
	C1209	Single phase Motor																																																																																																							
	C1263	3 Positions Selector																																																																																																							
	C1277	RC Unit																																																																																																							
	C2094	Solenoid Valve																																																																																																							
	C2102	Fuse																																																																																																							
	C2103	Resistor																																																																																																							
	C2109	Diode																																																																																																							
Sim.\Sym.	File	Descrizione\Description																																																																																																							
	C2117	Lamp																																																																																																							
	C2120	Lamp with transformer																																																																																																							
	C2211	Pushbutton N.O.																																																																																																							
	C2212	Pushbutton N.C.																																																																																																							
	C2222	Thermostat																																																																																																							
	C3005	Three-pole Disconnect																																																																																																							
	C3091	Power Fuses																																																																																																							
	C4010	Power Circuit Breaker																																																																																																							
	C4048	Circuit Breaker																																																																																																							
	C4091	Power Fuses																																																																																																							
	C4100	Proximity																																																																																																							
F	<div>The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies. L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.</div>																																																																																																								
UNI A3	<table><tr><td>1</td><td>UPDATED AFTER FAT</td><td>DR</td><td>24-02-2011</td><td rowspan="2">SABIZ 25 t/h</td><td rowspan="3"></td><td rowspan="2">SYMBOLS INDEX</td><td colspan="2"></td><td>= 63WG1</td></tr><tr><td>0</td><td>ISSUE FOR APPROVAL</td><td>DR</td><td>19-01-2011</td><td colspan="2"></td><td>+</td></tr><tr><td>rev.</td><td>Issue Description</td><td>Author</td><td>Date</td><td colspan="2"></td><td>drawing's title:</td><td>1E35Z</td><td>1E35Z-85-1204</td><td>sheet 4</td></tr></table>	1	UPDATED AFTER FAT	DR	24-02-2011	SABIZ 25 t/h		SYMBOLS INDEX			= 63WG1	0	ISSUE FOR APPROVAL	DR	19-01-2011			+	rev.	Issue Description	Author	Date			drawing's title:	1E35Z	1E35Z-85-1204	sheet 4								5	n.sh																																																																				
1	UPDATED AFTER FAT	DR	24-02-2011	SABIZ 25 t/h					SYMBOLS INDEX			= 63WG1																																																																																													
0	ISSUE FOR APPROVAL	DR	19-01-2011					+																																																																																																	
rev.	Issue Description	Author	Date			drawing's title:	1E35Z	1E35Z-85-1204	sheet 4																																																																																																
	It. DIN 6771/Teil 5	1	2	3	4	5	6	7	8																																																																																																




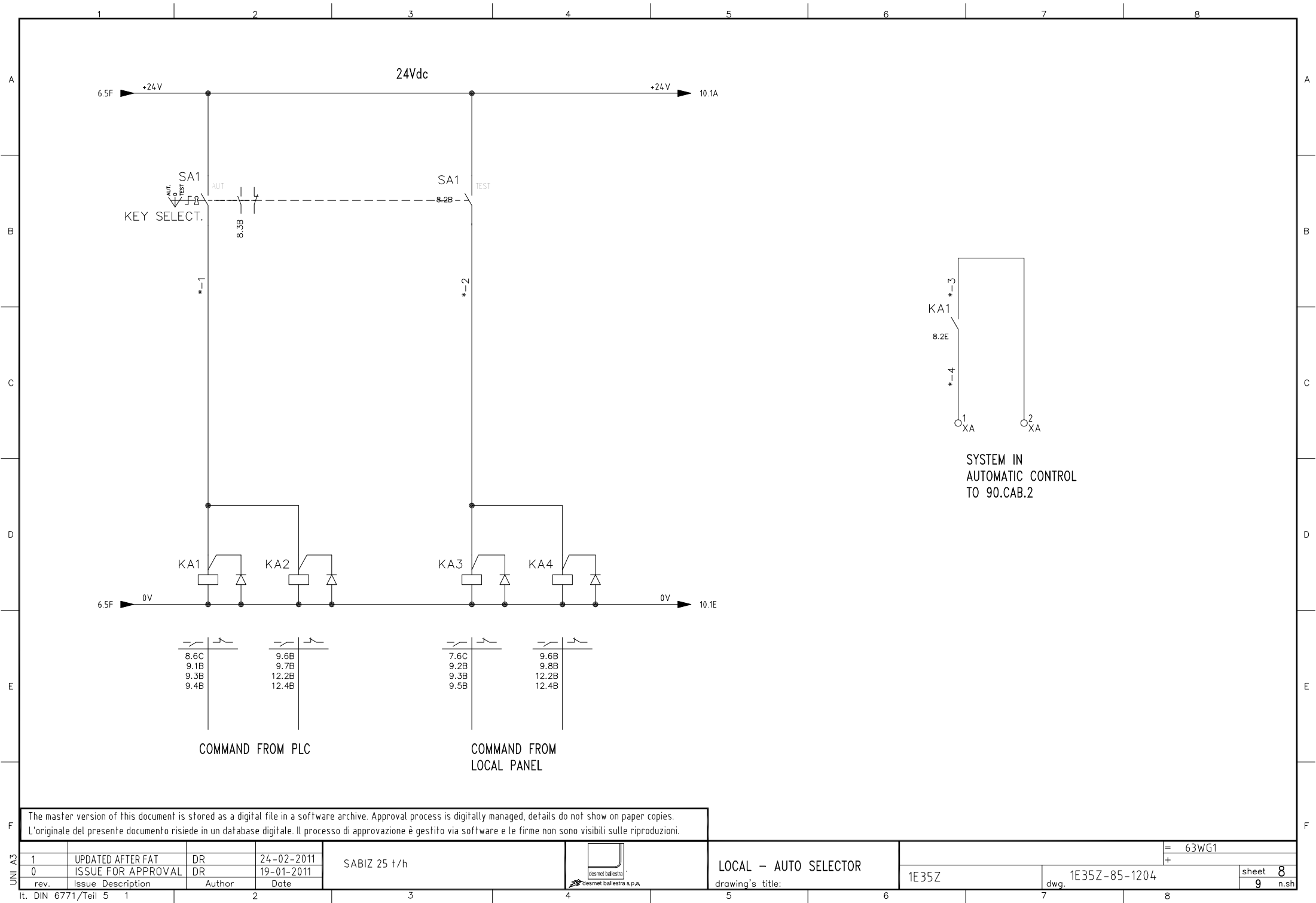
The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies.
L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.

1	UPDATED AFTER FAT	DR	24-02-2011	SABIZ 25 t/h	 desmet ballestra desmet ballestra s.p.a.	PANEL LAYOUT			= 63WG1	
0	ISSUE FOR APPROVAL	DR	19-01-2011						+	
rev.	Issue Description	Author	Date				drawing's title:		1E35Z	dwg. 1E35Z-85-1204

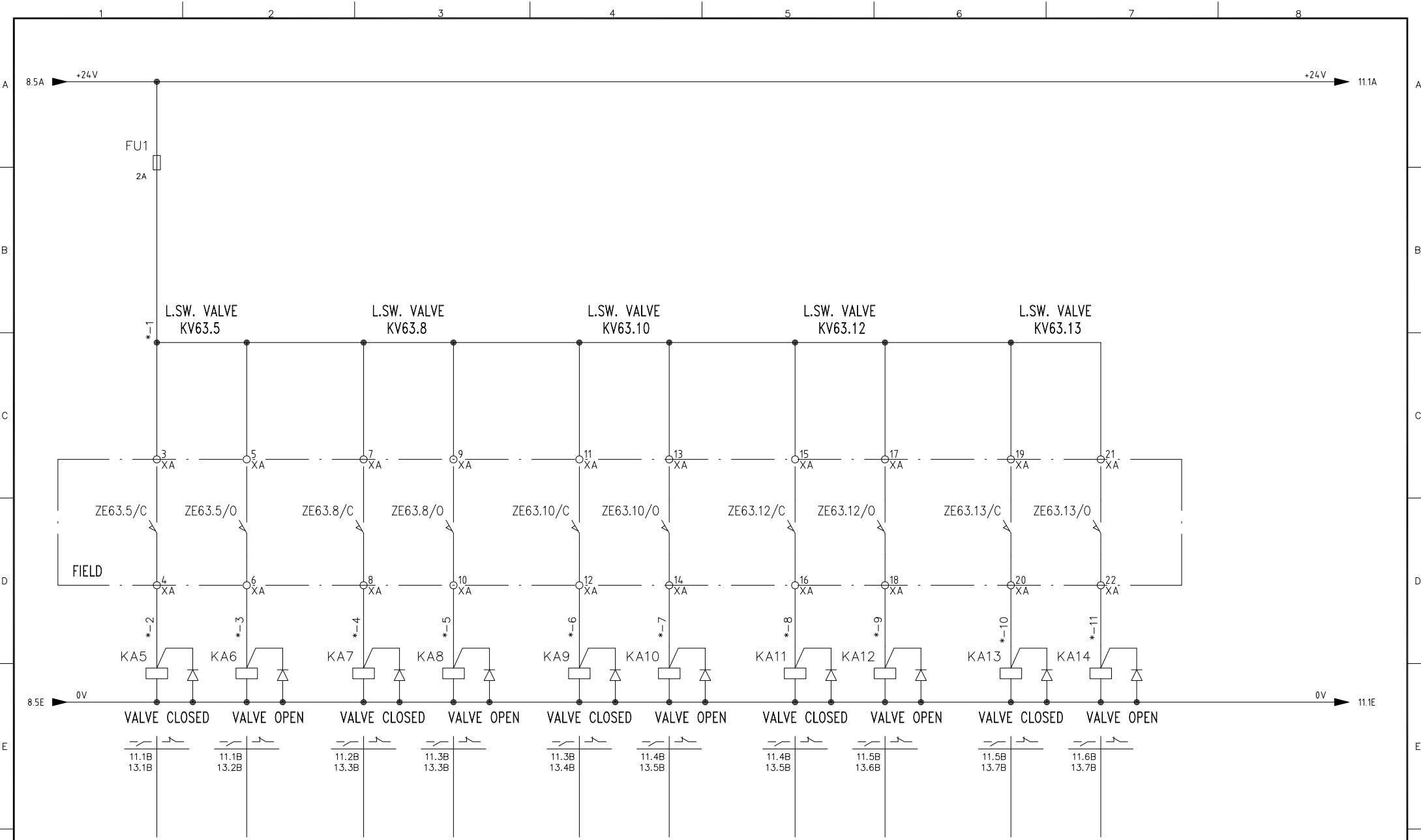


The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies.
L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.


1	UPDATED AFTER FAT	DR	24-02-2011	SABIZ 25 t/h		LEVEL TRANSMITTER			= 63WG1	
0	ISSUE FOR APPROVAL	DR	19-01-2011						+	
rev.	Issue Description	Author	Date	drawing's title:			1E35Z	dwg. 1E35Z-85-1204	sheet 7	
								8	n.sh	

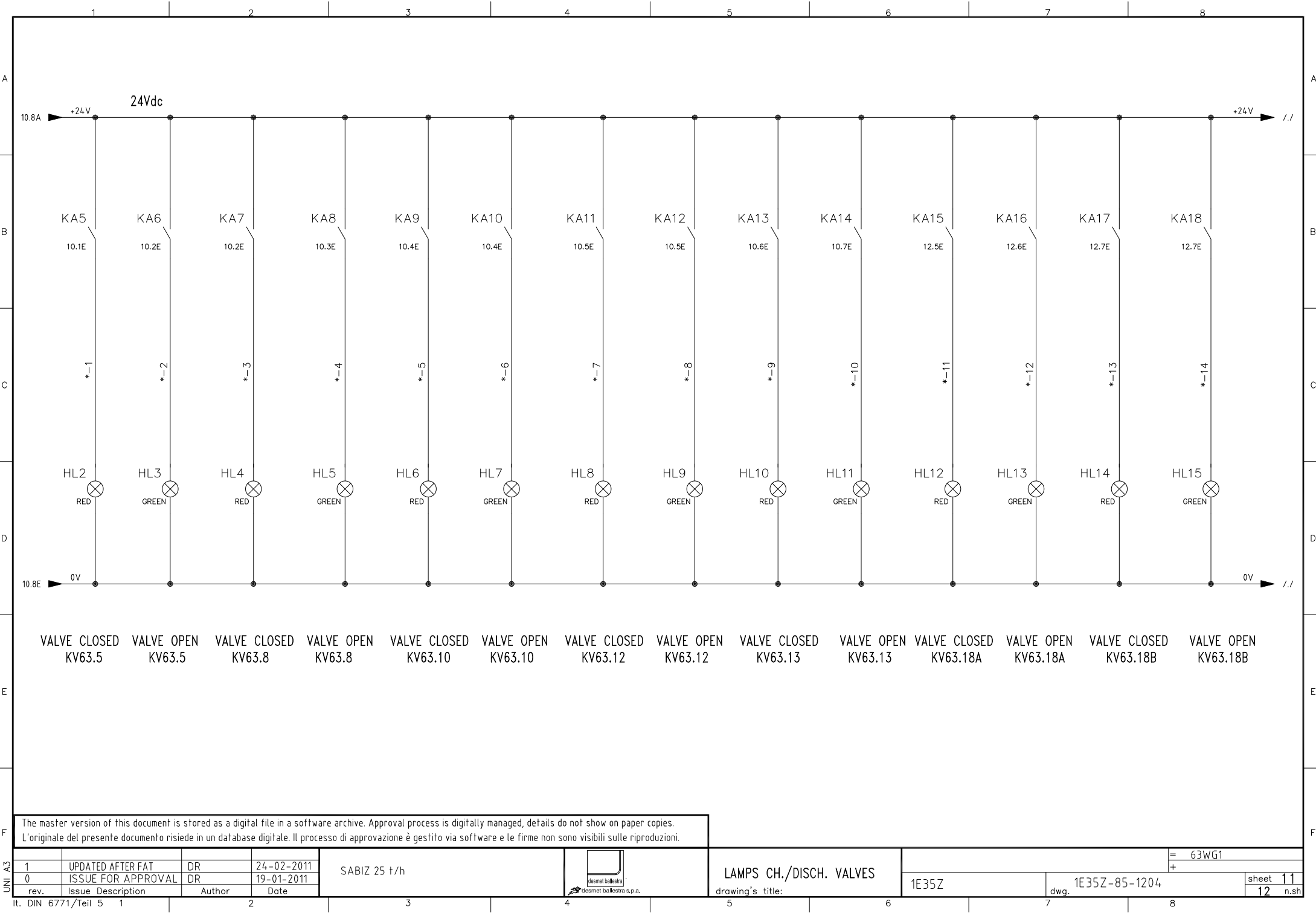


The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies.
L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.




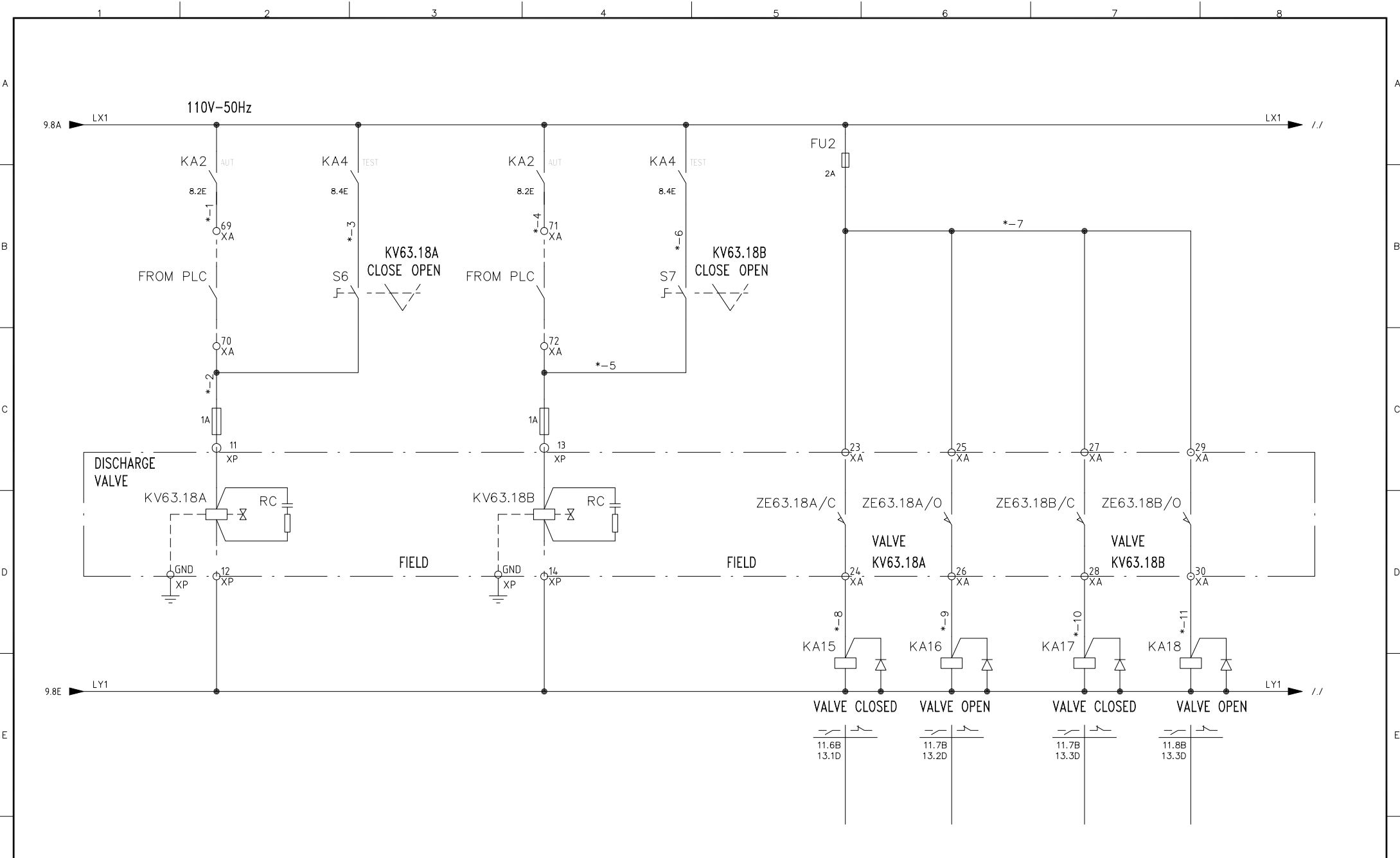
The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies.
L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.

UNI A3	1	UPDATED AFTER FAT	DR	24-02-2011	SABIZ 25 t/h		LIMIT SWITCHES CHARGE V.			= 63WG1					
	0	ISSUE FOR APPROVAL	DR	19-01-2011						+					
	rev.	Issue Description	Author	Date				1E35Z	1E35Z-85-1204	sheet 10					
								dwg.		11 n.sh					
It. DIN 6771/Teil 5 1		2		3		4		5		6		7		8	




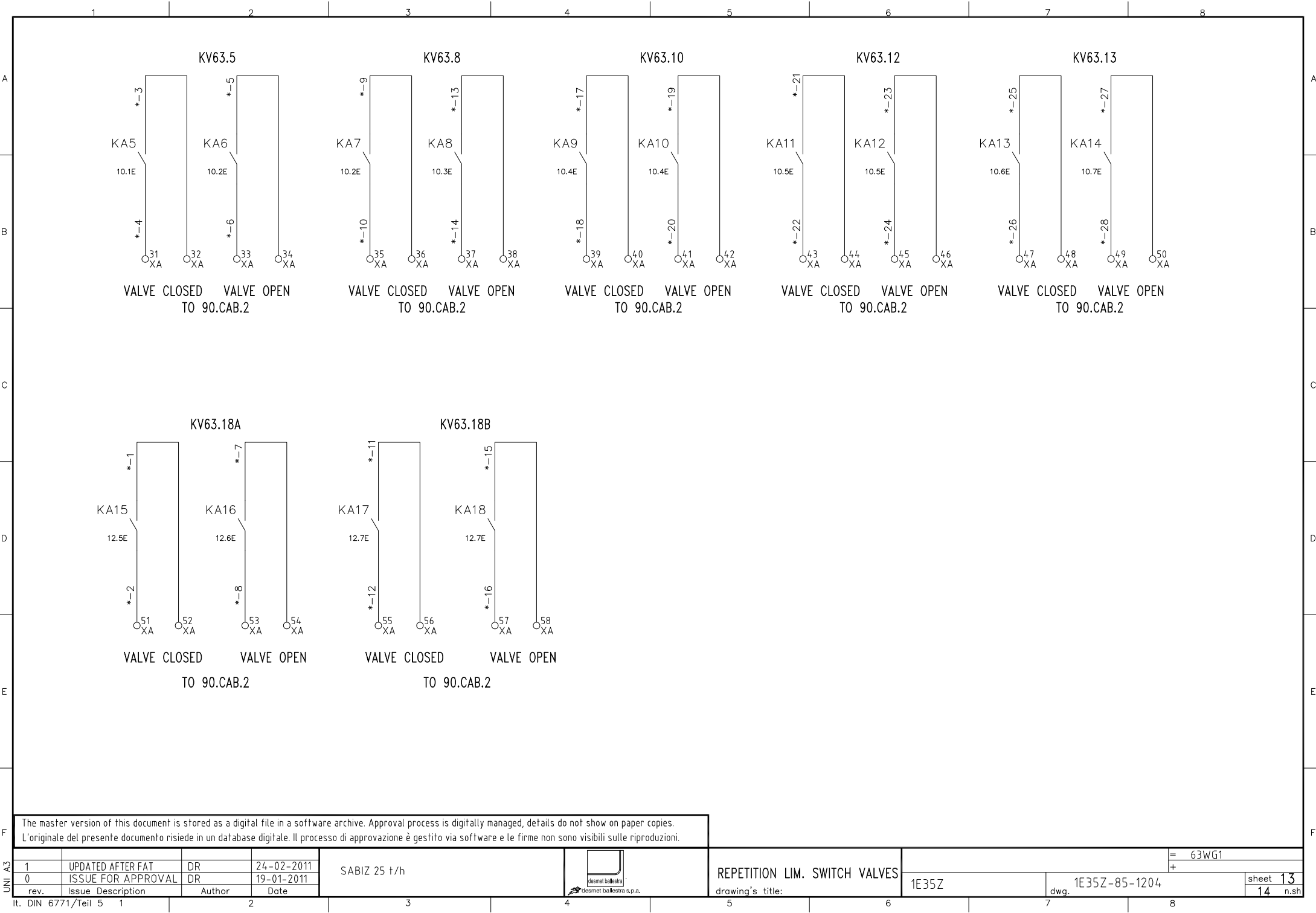
The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies.
L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.

UNI A3	1	UPDATED AFTER FAT	DR	24-02-2011	SABIZ 25 t/h		LAMPS CH./DISCH. VALVES	= 63WG1	
	0	ISSUE FOR APPROVAL	DR	19-01-2011				+	
	rev.	Issue Description	Author	Date				1E35Z	sheet 11
								dwg. 1E35Z-85-1204	12 n.sh




The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies.
L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.

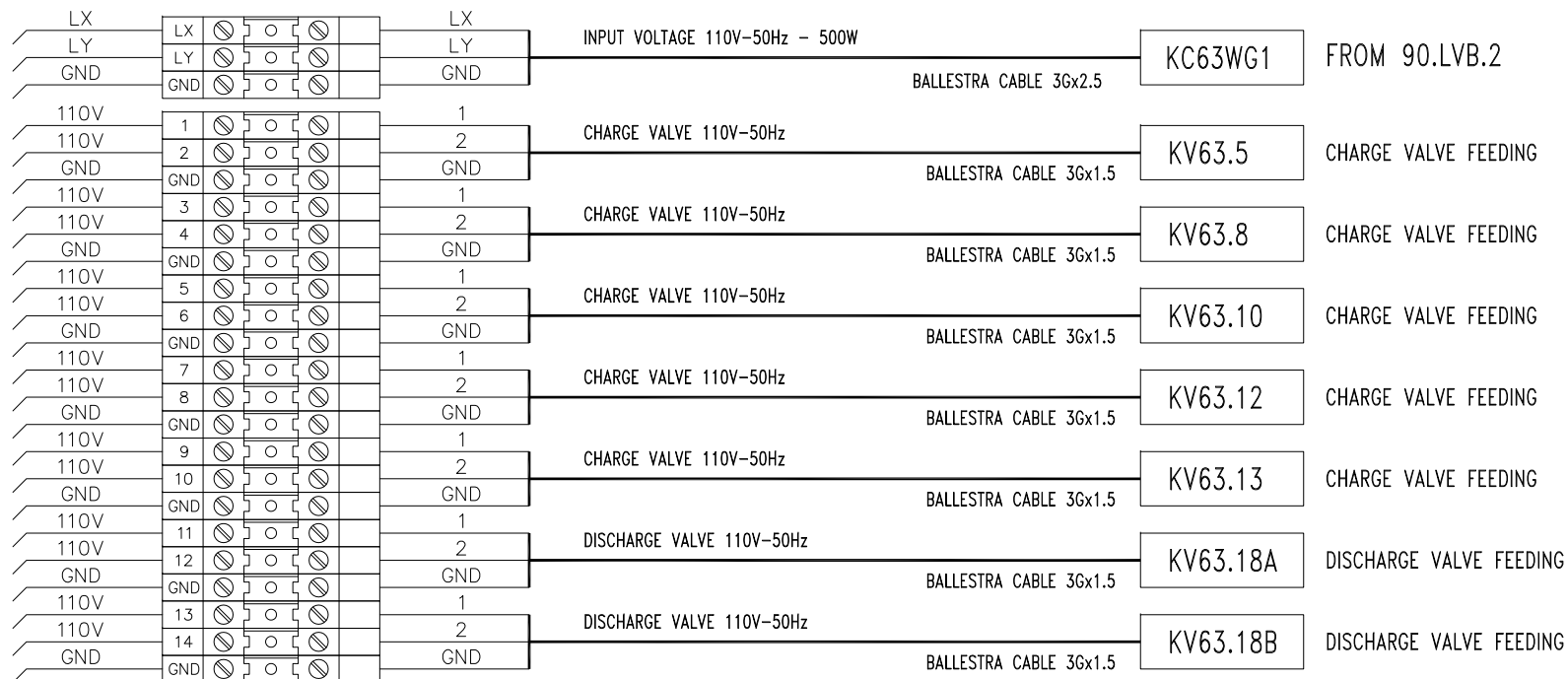
UNI A3	1	UPDATED AFTER FAT	DR	24-02-2011	SABIZ 25 t/h		DISCHARGE VALVE CONTROL		= 63WG1			
	0	ISSUE FOR APPROVAL	DR	19-01-2011					+			
	rev.	Issue Description	Author	Date			drawing's title:		1E35Z	dwg.	1E35Z-85-1204	sheet 12
	It. DIN 6771/Teil 5										13	n.sh




The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies.
L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.

1	UPDATED AFTER FAT	DR	24-02-2011	SABIZ 25 t/h	 desmet ballestra desmet ballestra s.p.a.	REPETITION LIM. SWITCH VALVES		= 63WG1 +	
0	ISSUE FOR APPROVAL	DR	19-01-2011						
rev.	Issue Description	Author	Date			1E35Z	dwg. 1E35Z-85-1204	sheet 13	
						drawing's title:		14 n.sh	


QG XP



The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies.
L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.

1	UPDATED AFTER FAT	DR	24-02-2011	SABIZ 25 t/h	 desmet ballestra desmet ballestra s.p.a.	TERMINAL BLOCK XP			= 63WG1	
0	ISSUE FOR APPROVAL	DR	19-01-2011				+			
rev.	Issue Description	Author	Date			drawing's title:	1E35Z	dwg. 1E35Z-85-1204	sheet 15	16 n.sh

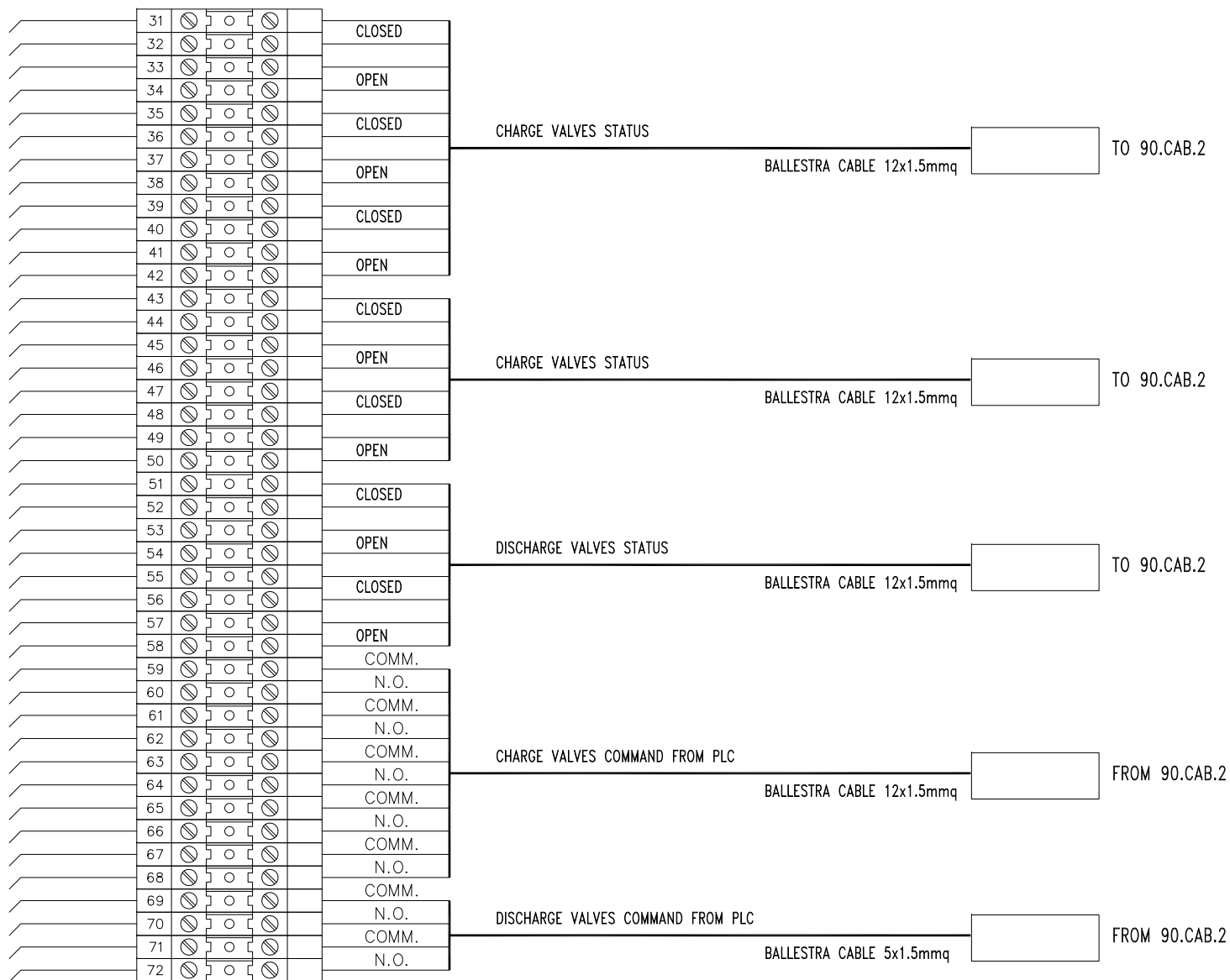
Terminal	Symbol	Function	Signal	Field Address	Notes
1		AUTOMATIC	CONTROL IN AUTOMATIC		TO 90.CAB.2
2					
3		CLOSED	LIMIT SWITCHES CHARGE VALVE	KV63.5	FROM FIELD
4					
5		OPEN	BALLESTRA CABLE 5x1.5mmq		
6					
7		CLOSED	LIMIT SWITCHES CHARGE VALVE	KV63.8	FROM FIELD
8					
9		OPEN	BALLESTRA CABLE 5x1.5mmq		
10					
11		CLOSED	LIMIT SWITCHES CHARGE VALVE	KV63.10	FROM FIELD
12					
13		OPEN	BALLESTRA CABLE 5x1.5mmq		
14					
15		CLOSED	LIMIT SWITCHES CHARGE VALVE	KV63.12	FROM FIELD
16					
17		OPEN	BALLESTRA CABLE 5x1.5mmq		
18					
19		CLOSED	LIMIT SWITCHES CHARGE VALVE	KV63.13	FROM FIELD
20					
21		OPEN	BALLESTRA CABLE 5x1.5mmq		
22					
23		CLOSED	LIMIT SWITCHES DISCHARGE VALVE	KV63.18A	FROM FIELD
24					
25		OPEN	BALLESTRA CABLE 5x1.5mmq		
26					
27		CLOSED	LIMIT SWITCHES DISCHARGE VALVE	KV63.18B	FROM FIELD
28					
29		OPEN	BALLESTRA CABLE 5x1.5mmq		
30					

1	UPDATED AFTER FAT	DR	24-02-2011	SABIZ 25 t/h	 desmet ballestra s.p.a.
0	ISSUE FOR APPROVAL	DR	19-01-2011		
rev.	Issue Description	Author	Date		


drawing's title:

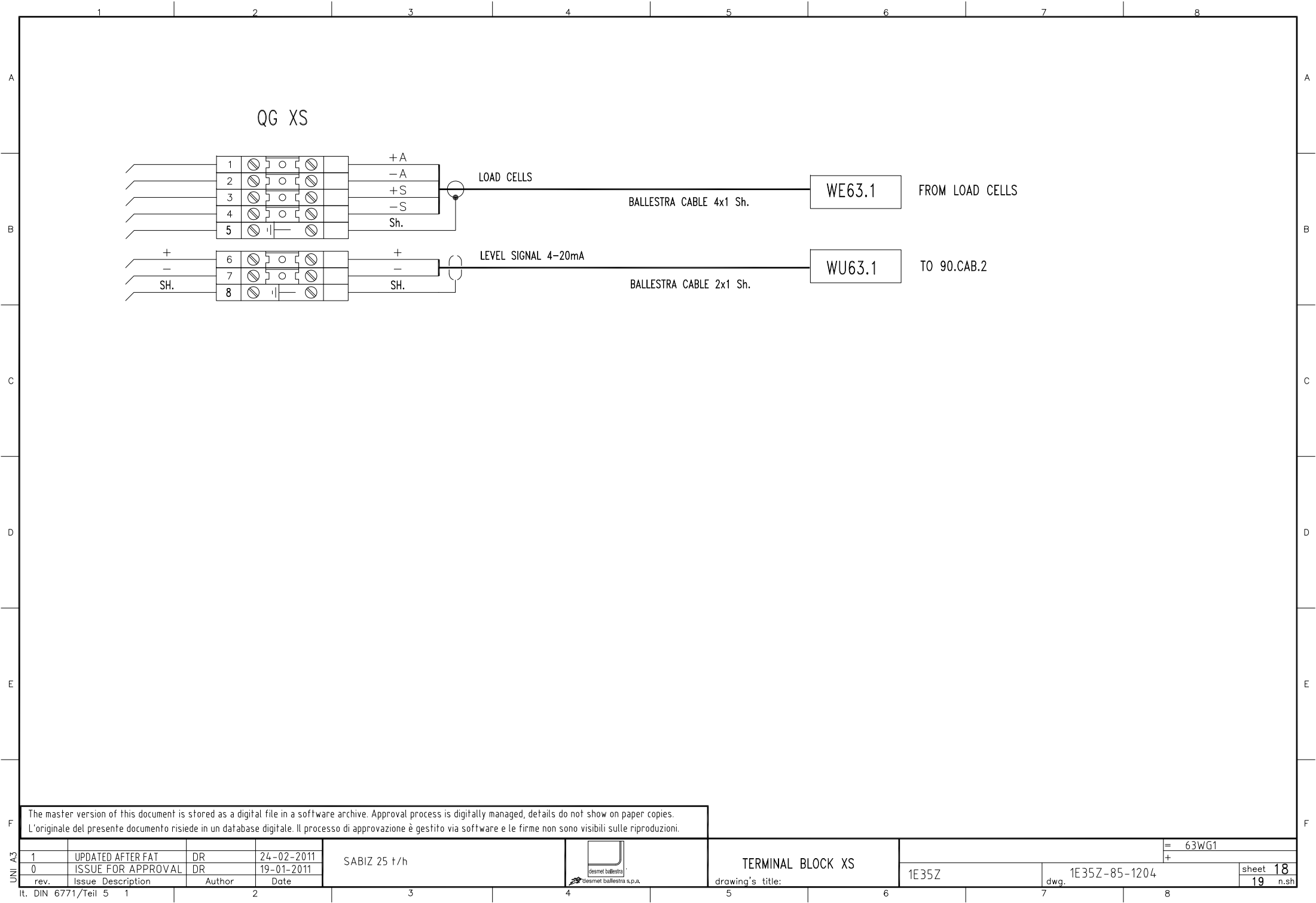
		=	63WG1
		+	
1E35Z	dwg.	1E35Z-85-1204	sheet 16 17 n.sh

QG XA



The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies.
L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.

UNI A3	1	UPDATED AFTER FAT	DR	24-02-2011	SABIZ 25 t/h		TERMINAL BLOCK XA	= 63WG1		sheet 17
	0	ISSUE FOR APPROVAL	DR	19-01-2011				1E35Z	1E35Z-85-1204	
	rev.	Issue Description	Author	Date			dwg.			18 n.sh



[illegible]