JHI, USA

Dan-Web Machinery A/S

+LCP02 Hammermill 0B

Dan-Web Machinery A/S > Røddikvej 82 > DK-8464 Galten > Tel. +45 87 43 95 00

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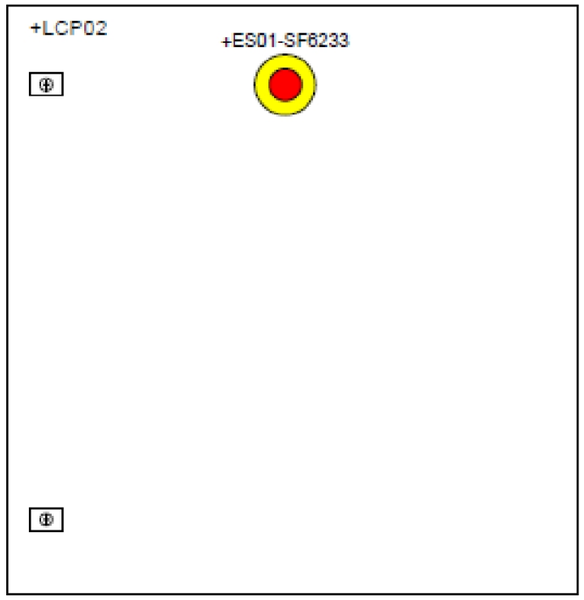

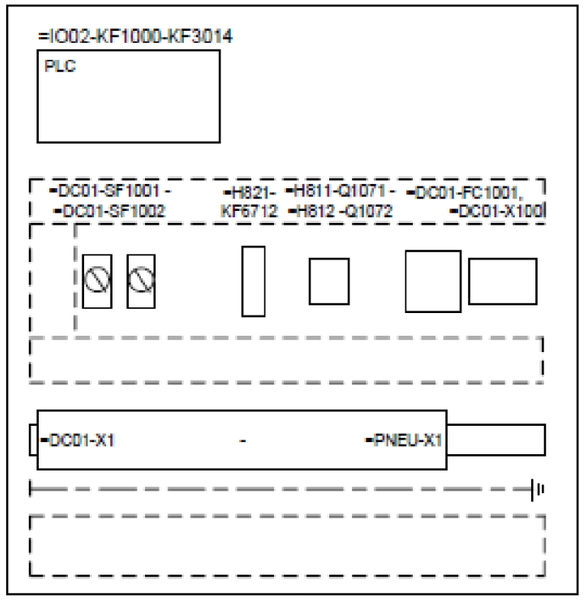

Dan-Web®	Page title Layout Control Cabinet	Constructor CHC	JHI, USA Dan-Web Machinery A/S			Next page =DC	Page 100
		Revision A01	Project no. P100034	**File: P100034 DanWeb JHI - LCP02 rev.A06 CCH** Last change: 18-12-2020			

24VDC Power Supply

Dan-Web®

File: P100034 DanWeb JHI - LCP02 rev.A06 CCH

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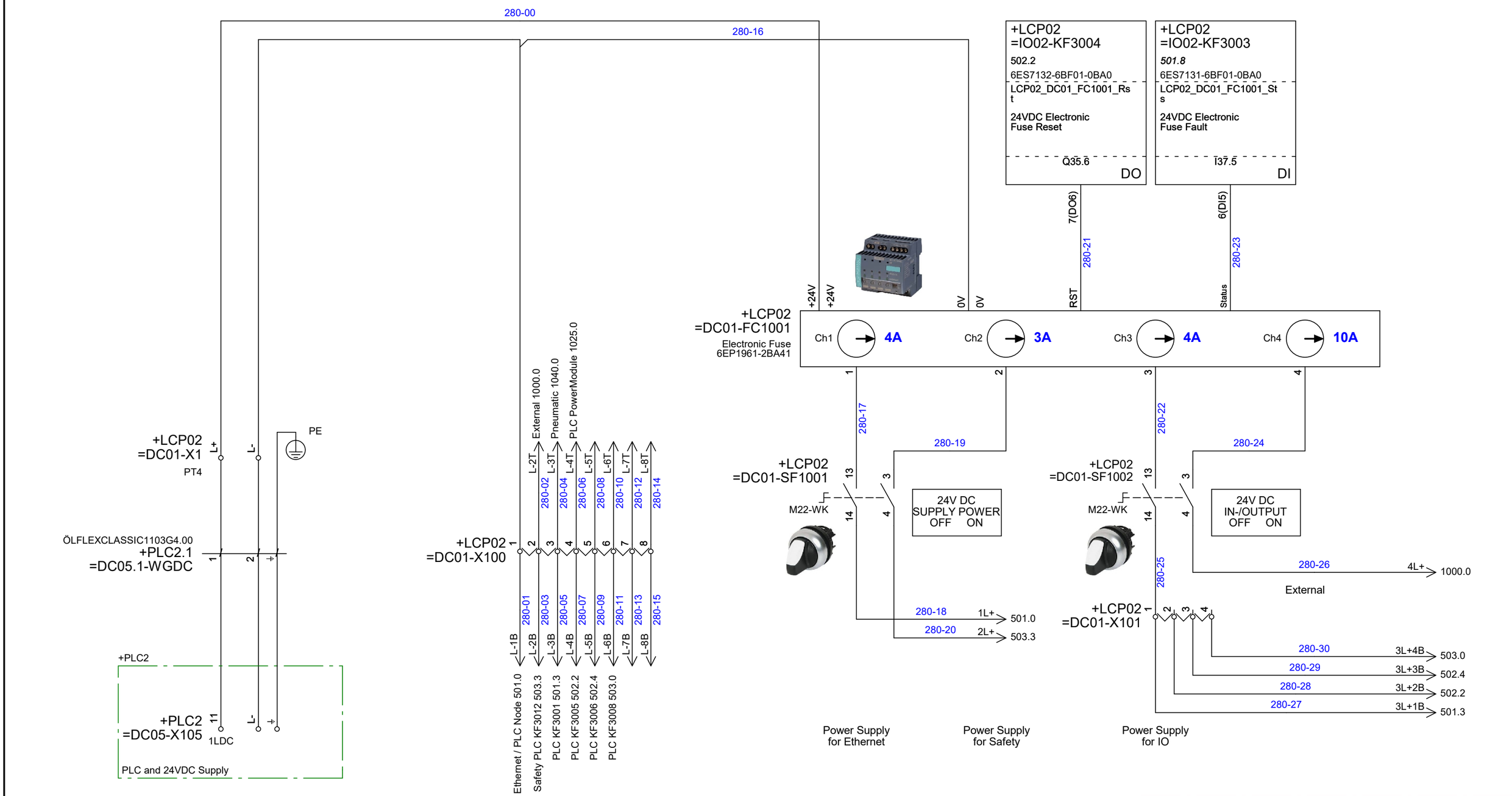

Rittal AE1077.500
760x760x210mm

(=) Function aspect
=DC01 24VDC Power Supply for PLC Control-power
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®	Page title: **+LCP02 Local Control Panel** — External 24VDC power supply	Constructor: CHC	JHI, USA Dan-Web Machinery A/S		
		Revision: A01	Project no.: P100034	**File: P100034 DanWeb JHI - LCP02 rev.A06 CCH** Last change: 16-06-2021	Next page: =IO1 / Page: 280

Distributed I/O system

Dan-Web®

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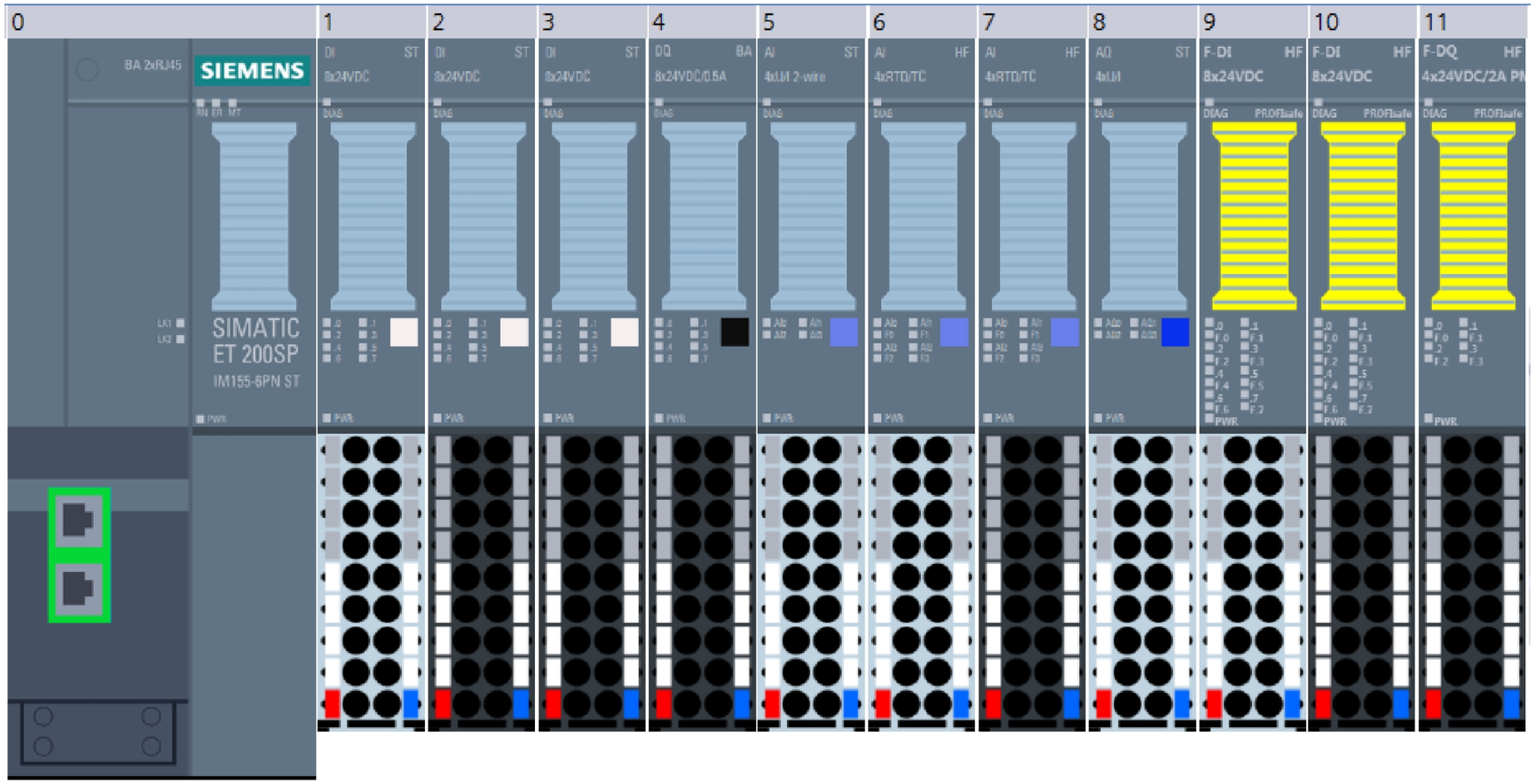

(=) Function aspect
=IO02 I/O system
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title
+LCP02 Local Control Panel
Distributed I/O-systems

Constructor	JHI, USA
CHC	Dan-Web Machinery A/S

Revision	Project no.	File	Next page	Page
A01	P100034	**File: P100034 DanWeb JHI - LCP02 rev.A06 CCH** Last change: 20-11-2020	501	500

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+LCP02
=IO02-KF1000

SIEMENS

6ES7155-6AA01-0BN0

ET200SP

IM155-6 PN ST

EtherNet RJ-45

1L+ 2L+ 1M 2M

280-18

280.6 1L+
280.3 L-1B 280-01

+PLC2
=ETH-WF2008

P1 P2

+LCP02
=IO02-KF3001

SIEMENS

6ES7131-6BF01-0BA0

Digital Input 8 x DC 24V

LCP02_H821_RL4812_Lid		1(DI0)
Hammermill 0B Lid Switch		
I35.0	*1000.6*	
LCP02_H811_QB380_Flt		2(DI1)
Upper Pulp 0B Safety Breaker ON/OFF		
I35.1	*1005.1*	
LCP02_H812_QD381_Flt		3(DI2)
Lower Pulp 0B Safety Breaker ON/OFF		
I35.2	*1005.3*	
LCP02_H811_BG3015_U3		4(DI3)
Upper Pulp 0B-U3 Photocell U3		
I35.3	*1005.5*	
LCP02_H812_BG3016_L3		5(DI4)
Lower Pulp 0B-L3 Photocell L3		
I35.4	*1005.7*	
LCP02_H811_BG3011_U1		6(DI5)
Upper Pulp 0B-U1 Photocell U1		
I35.5	*1006.1*	
LCP02_H812_BG3012_U2		7(DI6)
Upper Pulp 0B-U2 Photocell U2		
I35.6	*1006.3*	
LCP02_H812_BG3013_L1		8(DI7)
Lower Pulp 0B-L1 Photocell L1		
I35.7	*1006.5*	

+LCP02
=IO02-KF3002

SIEMENS

6ES7131-6BF01-0BA0

Digital Input 8 x DC 24V

LCP02_H812_BG3014_L2		1(DI0)
Lower Pulp 0B-L2 Photocell L2		
I36.0	*1006.7*	
LCP02_H811_BG1018_Rot		2(DI1)
Upper Pulp 0B Watch Rotation Sensor		
I36.1	*1007.7*	
LCP02_H812_BG1019_Rot		3(DI2)
Lower Pulp 0B Watch Rotation Sensor		
I36.2	*1007.8*	
LCP02_H811_BG1791		4(DI3)
Upper Pulp 0B U1 Brake Inductive Sensor		
I36.3	*1009.1*	
LCP02_H811_SF2741		5(DI4)
Upper Pulp 0B U1 Brake Brake ON/OFF		
I36.4	*1009.3*	
LCP02_H811_BG1792		6(DI5)
Lower Pulp 0B U2 Brake Inductive Sensor		
I36.5	*1009.6*	
LCP02_H811_SF2742		7(DI6)
Lower Pulp 0B U2 Brake Brake ON/OFF		
I36.6	*1009.7*	
LCP02_H812_BG1793		8(DI7)
Lower Pulp 0B L1 Brake Indictive Sensor		
I36.7	*1010.1*	

+LCP02
=IO02-KF3003

SIEMENS

6ES7131-6BF01-0BA0

Digital Input 8 x DC 24V

LCP02_H812_SF2743		1(DI0)
Lower Pulp 0B L1 Brake ON/OFF		
I37.0	*1010.3*	
LCP02_H812_BG1794		2(DI1)
Lower Pulp 0B L2 Brake Inductive		
I37.1	*1010.6*	
LCP02_H812_SF2744		3(DI2)
Lower Pulp 0B L2 Brake Brake ON/OFF		
I37.2	*1010.7*	
LCP02_H831_BG1715_Rot		4(DI3)
Fibertransport 0A Rotation Sensor		
I37.3	*1021.6*	
LCP02_AQ03_BF9005_Ps		5(DI4)
Pressure Monitor		
I37.4	*1040.2*	
LCP02_DC01_FC1001_Sts		6(DI5)
24VDC Electronic Fuse Fault		
I37.5	*280.8*	
LCP02_Dinp_SP38_Disp		7(DI6)
Spare Digital Input		
I37.6		
LCP02_Dinp_SP39_Disp		8(DI7)
Spare Digital Input		
I37.7		

L+ M

280-27 280-05

280.9 3L+1B
280.3 L-3B

+PLC2
PORT6
PLC and 24VDC Supply

+OP02
PORT1
Operation Panel

(=) Function aspect
=IO02 I/O system

(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title
+LCP02 Local Control Panel
Distributed I/O-systems

Constructor CHC	JHI, USA Dan-Web Machinery A/S			
Revision A01	Project no. P100034	**File: P100034 DanWeb JHI - LCP02 rev.A06 CCH** Last change: 16-06-2021	Next page 502	Page 501

File: P100034 DanWeb JHI - LCP02 rev.A06 CCH

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+LCP02 =IO02-KF3004

SIEMENS

6ES7132-6BF01-0BA0

8 Digital Output DC24V/0,5A

LCP02_H811_PH2741	1(DO0)	
Upper Pulp 0B U1 Brake Brake On		
Q35.0		*1009.4*
LCP02_H811_PH2742	2(DO1)	
Lower Pulp 0B U2 Brake Brake On		
Q35.1		*1009.8*
LCP02_H812_PH2743	3(DO2)	
Lower Pulp 0B L1 Brake Brake On		
Q35.2		*1010.4*
LCP02_H812_PH2744	4(DO3)	
Lower Pulp 0B L2 Brake Brake On		
Q35.3		*1010.8*
LCP02_H811_QM1071_Opn	5(DO4)	
Upper Pulp 0B Up/Down Open/ Close Nip		
Q35.4		*1040.4*
LCP02_H812_QM1072_Opn	6(DO5)	
Lower Pulp 0B Up/Down Open/ Close Nip		
Q35.5		*1040.6*
LCP02_DC01_FC1001_Rst	7(DO6)	
24VDC Electronic Fuse Reset		
Q35.6		*280.7*
LCP02_Dout_SP40_Disp	8(DO7)	
Spare Digital Output		
Q35.7		

+LCP02 =IO02-KF3005

SIEMENS

6ES7134-6GD01-0BA1

Analog Input 4xU/I 2-wire ST

	1(U0+) 5(U0-)	
Not avilable - used as current input		
	2(U1+) 6(U1-)	
Not avilable - used as current input		
	3(U2+) 7(U2-)	
Not avilable - used as current input		
	4(U3+) 8(U3-)	
Not avilable - used as current input		
LCP02_H831_BP3701_Pre	13(I0+) 9(UV0)	
Fibertransport 0B Pressure Sensor		
PIW440		*1020.1*
LCP02_H831_BP3702_Pre	14(I1+) 10(UV1)	
Fibertransport 0B Diff. Pressure Fan		
PIW442		*1021.8*
LCP02_A070_BM1920_Hum	15(I2+) 11(UV2)	
Air Sensor In Canal Humidity		
PIW444		*1025.1*
LCP02_A070_BT1920_Tmp	16(I3+) 12(UV3)	
Air Sensor In Canal Temperature		
PIW446		*1025.2*

+LCP02 =IO02-KF3006

SIEMENS

RTD

6ES7134-6JD00-0CA1

Analog Input (PT100)

LCP02_H821_BT6810_Tmp	5(MO0-) 1(MO0+) 9(IC0+) 13(IC0-)	
Hammermill 0B Bearings Temp. TS		
PIW448		*1001.1*
LCP02_H821_BT6811_Tmp	6(MO1-) 2(MO1+) 10(IC1+) 14(IC1-)	
Hammermill 0B Bearings Temp. DS		
PIW450		*1001.3*
LCP02_H821_BT6812_Tmp	7(MO2-) 3(MO2+) 11(IC2+) 15(IC2-)	
Hammermill 0B Outlet Temp.		
PIW452		*1001.5*
LCP02_H831_BT6801_Tmp	8(MO3-) 4(MO3+) 12(IC3+) 16(IC3-)	
Fibertransport 0B Temp Sensor Wheel House		
PIW454		*1021.1*

+LCP02 =IO02-KF3007

SIEMENS

RTD

6ES7134-6JD00-0CA1

Analog Input (PT100)

LCP02_H831_BT6802_Tmp	5(MO0-) 1(MO0+) 9(IC0+) 13(IC0-)	
Fibertransport 0B Temp. Bearing MS		
PIW456		*1021.3*
LCP02_H831_BT6803_Tmp	6(MO1-) 2(MO1+) 10(IC1+) 14(IC1-)	
Fibertransport 0B Temp. Bearing FS		
PIW458		*1021.4*
LCP02_Pinp_SP41_Disp	7(MO2-) 3(MO2+) 11(IC2+) 15(IC2-)	
Spare RTD Input		
PIW460		
LCP02_Pinp_SP42_Disp	8(MO3-) 4(MO3+) 12(IC3+) 16(IC3-)	
Spare RTD Input		
PIW462		

L+ M 9A 10A L+ M 9M 10M

280.9 3L+2B 280-28
280.3 L-4B 280-07
280.9 3L+3B 280-29
280.3 L-5B 280-09

(=) Function aspect
=IO02 I/O system
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title
+LCP02 Local Control Panel
Distributed I/O-systems

Constructor	JHI, USA				
CHC	Dan-Web Machinery A/S				
Revision	Project no.	**File: P100034 DanWeb JHI - LCP02 rev.A06 CCH**		Next page	Page
A01	P100034	Last change: 27-04-2021		503	502

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+LCP02
=IO02-KF3008 SIEMENS
6ES7135-6HD00-0BA1
Analog Output 4x U/I

LCP02_H811_MB1021_Cv Upper Pulp 0B U1 Brake Adjust Tension On Brake PQW416 *1041.1*		1(AO0+) 5(AO0-) 9(S0+) 13(S0-)
LCP02_H811_MB1022_Cv Upper Pulp 0B U2 Brake Adjust Tension On Brake PQW418 *1041.3*		2(AO1+) 6(AO1-) 10(S1+) 14(S1-)
LCP02_H812_MB1023_Cv Lower Pulp 0B L1 Brake Adjust Tension On Brake PQW420 *1041.4*		3(AO2+) 7(AO2-) 11(S2+) 15(S2-)
LCP02_H812_MB1024_Cv Lower Pulp 0B L2 Brake Adjust Tension On Brake PQW422 *1041.6*		4(AO3+) 8(AO3-) 12(S3+) 16(S3-)

+LCP02
=IO02-KF3009 SIEMENS
6ES7136-6BA00-0CA0
Safety Digital Input 8 x DC 24V

LCP02_H821_KF6812_ChA Hammermill 0B Rotating I112.0 *1000.3*		1(DI0)
LCP02_H821_RL4812_ChA Hammermill 0B Lid Locked I112.1 *1000.7*		2(DI1)
LCP02_H811_BG7010_ChA Upper Pulp 0B Lid Switch I112.2 *1007.1*		3(DI2)
LCP02_H812_BG7011_ChA Lower Pulp 0B Lid Switch I112.3 *1007.4*		4(DI3)
LCP02_H821_KF6812_ChB Hammermill 0B Rotating I112.4 *1000.4*		5(DI4)
LCP02_H821_RL4812_ChB Hammermill 0B Lid Locked I112.5 *1000.8*		6(DI5)
LCP02_H811_BG7010_ChB Upper Pulp 0B Lid Switch I112.6 *1007.2*		7(DI6)
LCP02_H812_BG7011_ChB Lower Pulp 0B Lid Switch I112.7 *1007.5*		8(DI7)

+LCP02
=IO02-KF3010 SIEMENS
6ES7136-6BA00-0CA0
Safety Digital Input 8 x DC 24V

LCP02_ES01_SF6231_ChA Emergency Stop OP02 I118.0 *1035.1*		1(DI0)
LCP02_ES01_SF6232_ChA Spare Safety Digital Input I118.1 *1035.3*		2(DI1)
LCP02_ES01_SF6233_ChA Emergency Stop LCP02 I118.2 *1035.5*		3(DI2)
LCP02_Sdin_SP43_Disp Spare Safety Digital Input I118.3 *1035.7*		4(DI3)
LCP02_ES01_SF6231_ChB Emergency Stop OP02 I118.4 *1035.2*		5(DI4)
LCP02_ES01_SF6232_ChB Spare Safety Digital Input I118.5 *1035.4*		6(DI5)
LCP02_ES01_SF6233_ChB Emergency Stop LCP02 I118.6 *1035.6*		7(DI6)
LCP02_Sdin_SP44_Disp Spare Safety Digital Input I118.7 *1035.8*		8(DI7)

+LCP02
=IO02-KF3011 SIEMENS SDO
6ES7136-6DB00-0CA0
Safety Digital Output

LCP02_H821_RL4812_CsUI Hammermill 0B Unlock Q145.0 *1000.5*		1(DO0) 9(M0) 5(DO0) 13(M0)
LCP02_Sdou_SP45_Disp. Spare safety Digital Output Q145.1		2(DO1) 10(M1) 6(DO1) 14(M1)
LCP02_Sdou_SP46_Disp. Spare safety Digital Output Q145.2		3(DO2) 11(M2) 7(DO2) 15(M2)
LCP02_Sdou_SP47_Disp. Spare safety Digital Output Q145.3		4(DO3) 12(M3) 8(DO3) 16(M3)

L+ M 9A 10A

280.9 3L+4B 280-30
280.4 L-6B 280-11

L+ M

280.6 2L+ 280-20
280.3 L-2B 280-03

2L+ 1035.0

(=) Function aspect
=IO02 I/O system
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title
+LCP02 Local Control Panel
Distributed I/O-systems

Constructor	JHI, USA				
CHC	Dan-Web Machinery A/S				
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Hammermill 0B

Dan-Web®

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Configuration Process
See page 1090

+LCP02 =IO02-KF3009
503.4
6ES7136-6BA00-0CA0
LCP02_H821_KF6812_Ch A
Hammermill 0B Rotating
I112.0
SDI

+LCP02 =IO02-KF3009
503.4
6ES7136-6BA00-0CA0
LCP02_H821_KF6812_Ch B
Hammermill 0B Rotating
I112.4
SDI

+LCP02 =IO02-KF3011
503.8
6ES7136-6DB00-0CA0
LCP02_H821_RL4812_CsUl
Hammermill 0B Unlock
Q145.0
SDO

+LCP02 =IO02-KF3001
501.4
6ES7131-6BF01-0BA0
LCP02_H821_RL4812_Lid
Hammermill 0B Lid Switch
I35.0
DI

+LCP02 =IO02-KF3009
503.4
6ES7136-6BA00-0CA0
LCP02_H821_RL4812_Ch A
Hammermill 0B Lid Locked
I112.1
SDI

+LCP02 =IO02-KF3009
503.4
6ES7136-6BA00-0CA0
LCP02_H821_RL4812_Ch B
Hammermill 0B Lid Locked
I112.5
SDI

1(DI0) 5(DI4) 9(M0) 1(DO0) 1(DI0) 2(DI1) 6(DI5)

1000-03 1000-04

280.9 4L+ 280-26 4L+ 1005.0
280.3 L-2T 280-02 L-2T 1005.0

+LCP02 =H821-KF6812
440R-GL2S2P Rotation Monitor

A1	A2	S12	S22	S54	S44	51	L61
Power		Safety Input		Request	Reset	Output	

PNP Input			Single Wire		Safety Output		Output
AP	P12	P22	L11	L12	X14	X24	Y32

1000-00 1000-01 1000-02 1000-05 1000-06 1000-07 1000-08 1000-09

+LCP02 =H821-X1 1 2 L- 3
+LCP02 =H821-X1 4 5 L- 6
+LCP02 =H821-X1 7 8 L+ 9 L+ 10 L+ 11

BL-WAK4-5/S370 5M L M12
+LCP02 =H821-WG1810 BN BK BU WH
+LCP02 =H821-WG1811 BN BK BU WH
ÖLFLEXCONTROLTM12G1/AWG18
+LCP02 =H821-WG4812 1 2 3 4 5 6 7 8 ⏚

BN BK BU WH
L+ NO L- NA

+LCP02 =H821-BG1810 1 4 3 2
Rotation Sensor PNP
872C-D8NP18-D4

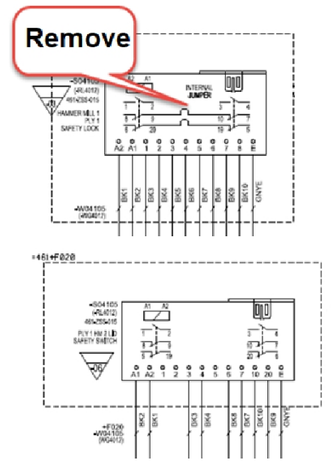
+LCP02 =H821-BG1811 1 4 3 2
Rotation Sensor PNP
872C-D8NP18-D4

+LCP02 =H821-RL4812

A1	A2	E	1	2	3	4	7	10	6	20
			SOL A		AUX A		CH B		CH A	

Safety Lock

440G-L07264



(=) Function aspect
=H821 Hammermill 0B
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title
+LCP02 Local Control Panel
Rotating Monitor / Safety Lock

Constructor	JHI, USA
CHC	Dan-Web Machinery A/S

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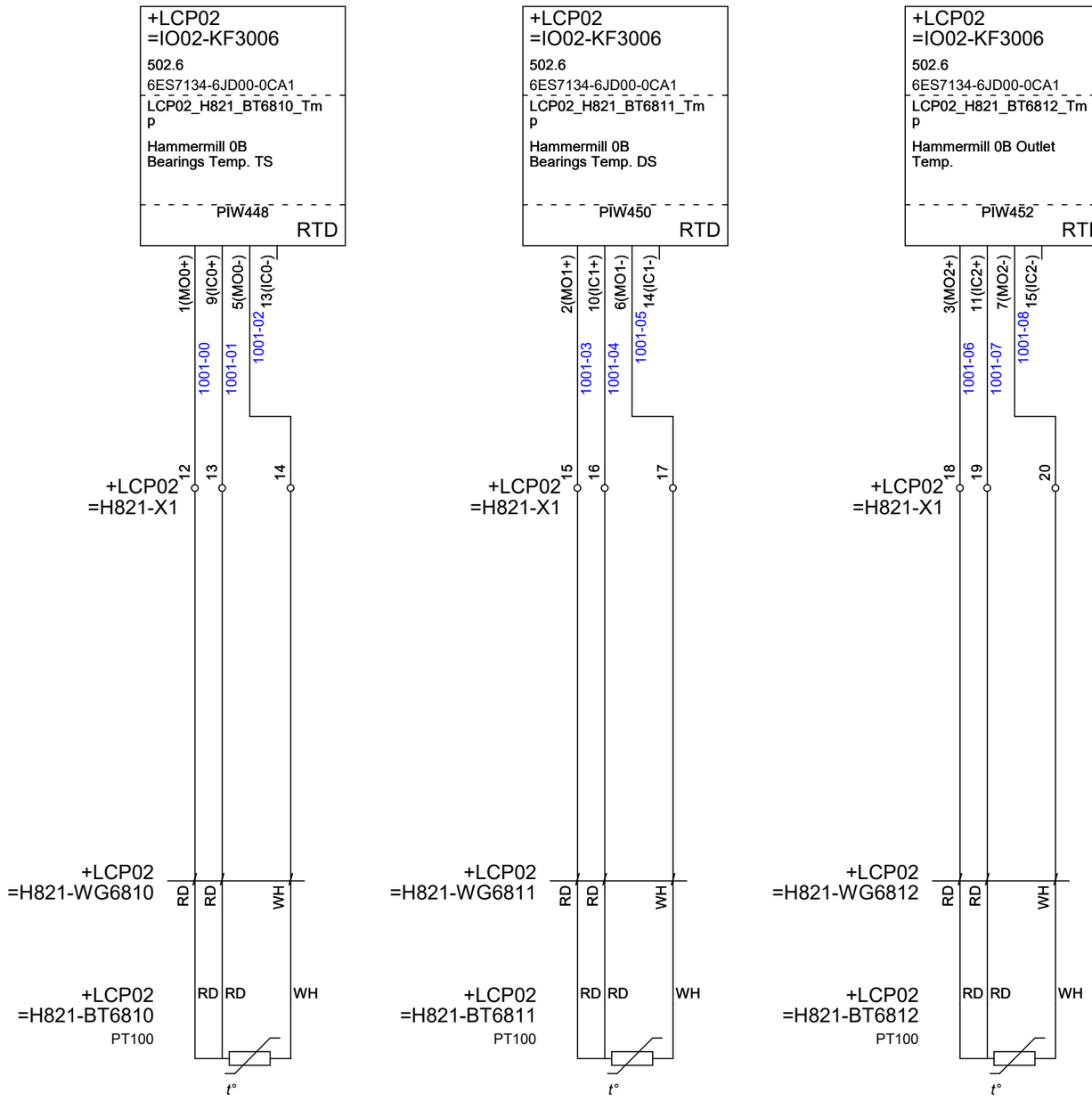

(=) Function aspect
=H821 Hammermill 0B
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title
+LCP02 Local Control Panel
Temperature Meassurement

Constructor	CHC	JHI, USA Dan-Web Machinery A/S			
Revision	A01	Project no. P100034	**File: P100034 DanWeb JHI - LCP02 rev.A06 CCH** Last change: 06-01-2021	Next page =H810	Page 1001

Upper- / Lower Pulp 0B

Dan-Web®

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

+LCP02
=IO02-KF3001
501.4
6ES7131-6BF01-0BA0
LCP02_H811_QB380_Flt
Upper Pulp 0B Safety Breaker ON/OFF
I35.1
DI

+LCP02
=IO02-KF3001
501.4
6ES7131-6BF01-0BA0
LCP02_H812_QD381_Flt
Lower Pulp 0B Safety Breaker ON/OFF
I35.2
DI

+LCP02
=IO02-KF3001
501.4
6ES7131-6BF01-0BA0
LCP02_H811_BG3015_U3
Upper Pulp 0B-U3 Photocell U3
I35.3
DI

+LCP02
=IO02-KF3001
501.4
6ES7131-6BF01-0BA0
LCP02_H812_BG3016_L3
Lower Pulp 0B-L3 Photocell L3
I35.4
DI

2(DI1) 1005-00
3(DI2) 1005-01
4(DI3) 1005-02
5(DI4) 1005-03

1000.9 4L+
1000.9 L-2T
280-02
280-26
4L+ 1006.0
L-2T 1006.0

+LCP02 =H811-X1 L+ 1 2
+LCP02 =H812-X1 L+ 1 2
+LCP02 =H811-X1 L+ 2 L- 3
+LCP02 =H812-X1 L+ 2 L- 3

ÖLFLEXCONTROLTM3G1/AWG18
+LCP02 =H811-WG380 1 2
+MCC13.2 =H811-QB380

ÖLFLEXCONTROLTM3G1/AWG18
+LCP02 =H812-WG381 1 2
+MCC13.2 =H812-QB381

BL-WAK4-10/S370 10M L M12
+LCP02 =H811-WG3015 BN BK BU WH
+LCP02 =H811-BG3015 1 2 3 4 L+ NO L- NO
T18-2VPFF30IR-Q8 Photo

+LCP02 =H812-WG3016 BN BK BU WH
+LCP02 =H812-BG3016 1 2 3 4 L+ NO L- NO
T18-2VPFF30IR-Q8 Photo

(=) Function aspect
=H810 Upper-/ Lower Pulp 0B
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title: **+LCP02 Local Control Panel**	Constructor: CHC	JHI, USA Dan-Web Machinery A/S			
	Revision: A01	Project no.: P100034	**File: P100034 DanWeb JHI - LCP02 rev.A06 CCH** Last change: 10-12-2020	Next page: 1006	Page: 1005

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

+LCP02
=IO02-KF3001
501.4
6ES7131-6BF01-0BA0
LCP02_H811_BG3011_U1
Upper Pulp 0B-U1
Photocell U1
I35.5
DI

+LCP02
=IO02-KF3001
501.4
6ES7131-6BF01-0BA0
LCP02_H812_BG3012_U2
Upper Pulp 0B-U2
Photocell U2
I35.6
DI

+LCP02
=IO02-KF3001
501.4
6ES7131-6BF01-0BA0
LCP02_H812_BG3013_L1
Lower Pulp 0B-L1
Photocell L1
I35.7
DI

+LCP02
=IO02-KF3002
501.6
6ES7131-6BF01-0BA0
LCP02_H812_BG3014_L2
Lower Pulp 0B-L2
Photocell L2
I36.0
DI

6(DI5) 1006-00
7(DI6) 1006-01
8(DI7) 1006-02
1(DI0) 1006-03

1005.9 4L+
1005.9 L-2T
280-26
280-02
4L+ 1007.0
L-2T 1007.0

+LCP02
=H810-X1
L+ 1 L- 2 3 4

ÖLFLEXCONTROLTM7G1/AWG18
+LCP02
=H810-WG.CB.H810-01
1 2 3 4 5 6

+CB.H810-01

Junction Box
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

BL-WAK4-2/S370 2M L M12
+LCP02
=H811-WG3011
BN BK BU WH

+LCP02
=H811-WG3012
BN BK BU WH

+LCP02
=H812-WG3013
BN BK BU WH

+LCP02
=H812-WG3014
BN BK BU WH

+LCP02
=H811-BG3011
+LCP02
=H811-BG3012
+LCP02
=H812-BG3013
+LCP02
=H812-BG3014
1 2 3 4
L+ NO L- NO
Photo
QS18VP6FF50Q8




(=) Function aspect
=H810 Upper-/ Lower Pulp 0B
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title
+LCP02 Local Control Panel
Photocell

Constructor	JHI, USA				
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0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

+LCP02 =IO02-KF3009
503.4
6ES7136-6BA00-0CA0
LCP02_H811_BG7010_Ch A
Upper Pulp 0B Lid Switch
I112.2 SDI

+LCP02 =IO02-KF3009
503.4
6ES7136-6BA00-0CA0
LCP02_H811_BG7010_Ch B
Upper Pulp 0B Lid Switch
I112.6 SDI

+LCP02 =IO02-KF3009
503.4
6ES7136-6BA00-0CA0
LCP02_H812_BG7011_Ch A
Lower Pulp 0B Lid Switch
I112.3 SDI

+LCP02 =IO02-KF3009
503.4
6ES7136-6BA00-0CA0
LCP02_H812_BG7011_Ch B
Lower Pulp 0B Lid Switch
I112.7 SDI

+LCP02 =IO02-KF3002
501.6
6ES7131-6BF01-0BA0
LCP02_H811_BG1018_Rot
Upper Pulp 0B Watch Rotation Sensor
I36.1 DI

+LCP02 =IO02-KF3002
501.6
6ES7131-6BF01-0BA0
LCP02_H812_BG1019_Rot
Lower Pulp 0B Watch Rotation Sensor
I36.2 DI

3(DI2) 7(DI6) 4(DI3) 8(DI7) 2(DI1) 3(DI2)

1007-00 1007-01 1007-02 1007-03 1007-04 1007-05

1006.9 4L+ — 280-26 — 4L+ 1008.0
1006.9 L-2T — 280-02 — L-2T 1008.0

+LCP02 =H811-X1 L+ 4 5
+LCP02 =H812-X1 L+ 4 5
+LCP02 =H811-X1 L+ 6 L- 7
+LCP02 =H812-X1 L+ 6 L- 7

ÖLFLEXCONTROLTM7G1/AWG18
+LCP02 =H81x-WD.H81X-01 1 2 3 ⏚ 4 5

+CB.H81x
Control Box Pulp
1 2 3 4 ⏚

+LCP02 =H811-WG7010 BU RD BK WH
+LCP02 =H812-WG7011 BU RD BK WH

+LCP02 =H811-BG7010 11 12 21 22
440N-S32022

+LCP02 =H812-BG7011 11 12 21 22
440N-S32022

BL-WAK4-10/S370 10M L M12
+LCP02 =H811-WG1018 BN BK BU WH
+LCP02 =H811-BG1018 1 2 3 4 L+ NO L- NA
Rotation Sensor 872C-D2NP8-D4 PNP

+LCP02 =H812-WG1019 BN BK BU WH
+LCP02 =H812-BG1019 1 2 3 4 L+ NO L- NA
Rotation Sensor 872C-D2NP8-D4 PNP

(=) Function aspect
=H810 Upper-/ Lower Pulp 0B
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title
+LCP02 Local Control Panel

Constructor CHC	JHI, USA Dan-Web Machinery A/S				
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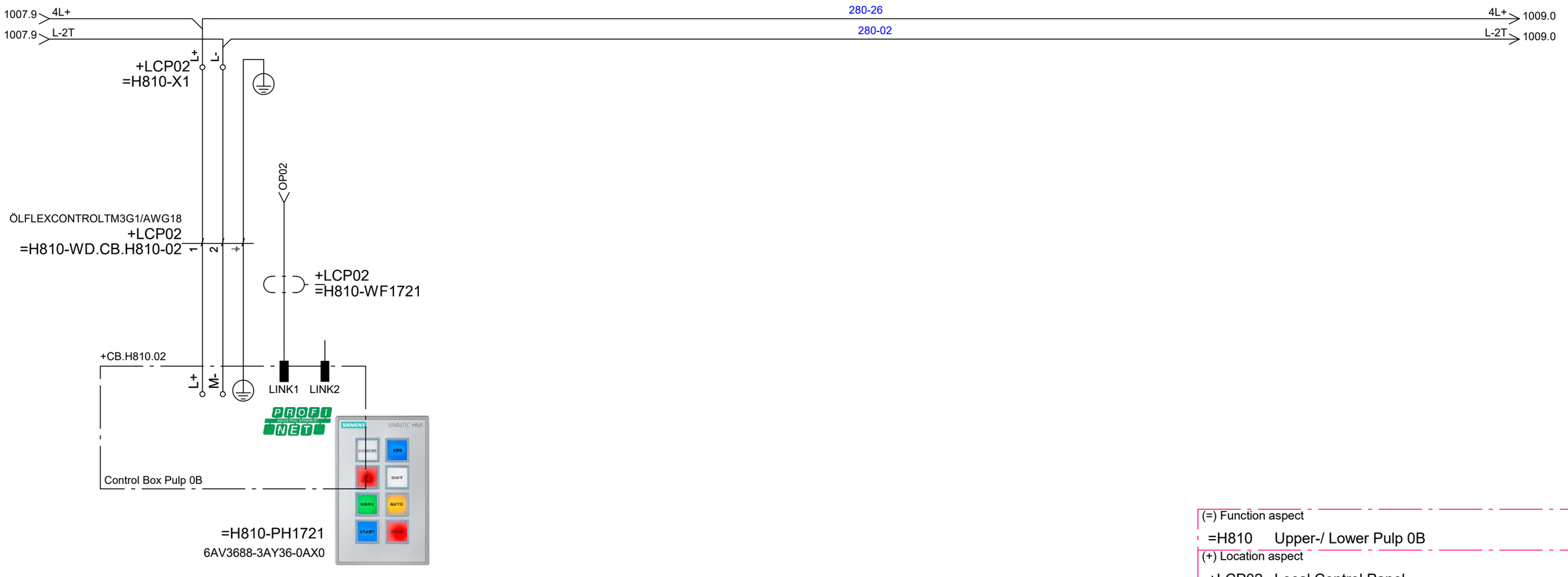
0	1	2	3	4	5	6	7	8	9



(=) Function aspect
=H810 Upper-/ Lower Pulp 0B
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title: **+LCP02 Local Control Panel**	Constructor: CHC	JHI, USA Dan-Web Machinery A/S			
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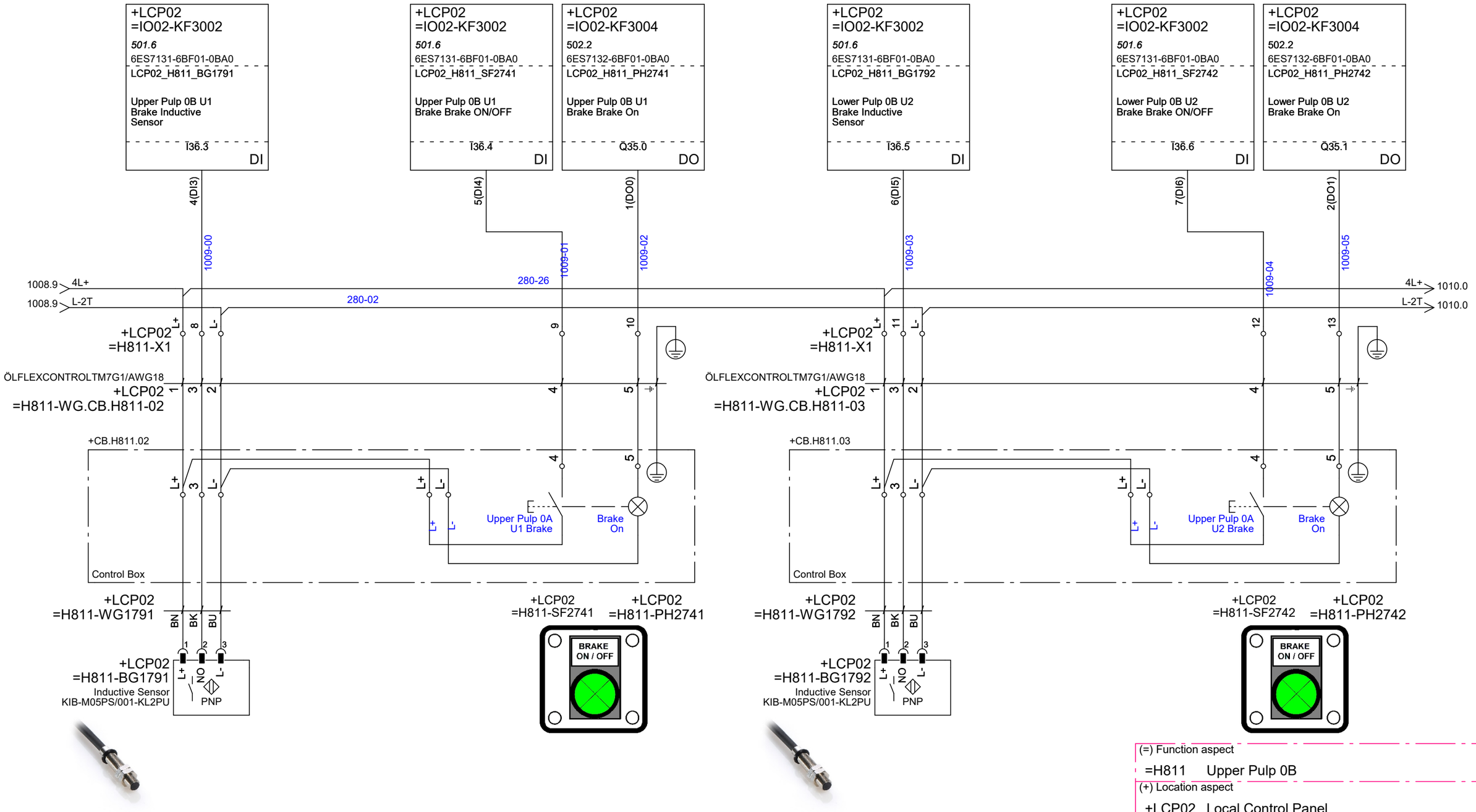
0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9



(=) Function aspect
=H811 Upper Pulp 0B
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web	Page title: **+LCP02 Local Control Panel**	Constructor: CHC	JHI, USA Dan-Web Machinery A/S			
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0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

+LCP02
=IO02-KF3002
501.6
6ES7131-6BF01-0BA0
LCP02_H812_BG1793
Lower Pulp 0B L1
Brake Indictive
Sensor
I36.7
DI

+LCP02
=IO02-KF3003
501.8
6ES7131-6BF01-0BA0
LCP02_H812_SF2743
Lower Pulp 0B L1
Brake ON/OFF
I37.0
DI

+LCP02
=IO02-KF3004
502.2
6ES7132-6BF01-0BA0
LCP02_H812_PH2743
Lower Pulp 0B L1
Brake Brake On
Q35.2
DO

+LCP02
=IO02-KF3003
501.8
6ES7131-6BF01-0BA0
LCP02_H812_BG1794
Lower Pulp 0B L2
Brake Inductive
I37.1
DI

+LCP02
=IO02-KF3003
501.8
6ES7131-6BF01-0BA0
LCP02_H812_SF2744
Lower Pulp 0B L2
Brake Brake ON/OFF
I37.2
DI

+LCP02
=IO02-KF3004
502.2
6ES7132-6BF01-0BA0
LCP02_H812_PH2744
Lower Pulp 0B L2
Brake Brake On
Q35.3
DO

8(DI7) 1(DI0) 3(DO2) 2(DI1) 3(DI2) 4(DO3)

1010-00 1010-01 1010-02 1010-03 1010-04 1010-05

1009.9 4L+ — 280-26 — 4L+ 1021.5
1009.9 L-2T — 280-02 — L-2T 1020.0

+LCP02 =H812-X1
L+ 8 L- 9 10 L+ 11 L- 12 13

ÖLFLEXCONTROLTM7G1/AWG18

+LCP02 =H812-WG.CB.H812-02
1 3 2 4 5

+CB.H812.02
L+ 3 L- L+ L- 4 5
Upper Pulp 0A U1 Brake
Brake On
Control Box

+LCP02 =H812-WG1793
BN BK BU
1 2 3
+LCP02 =H812-BG1793
Inductive Sensor KIB-M05PS/001-KL2PU
L+ NO L- PNP

+LCP02 =H812-SF2743 +LCP02 =H812-PH2743
BRAKE ON / OFF

+LCP02 =H812-WG.CB.H812-03
1 3 2 4 5

+CB.H812.03
L+ 3 L- L+ L- 4 5
Upper Pulp 0A U2 Brake
Brake On
Control Box

+LCP02 =H812-WG1794
BN BK BU
1 2 3
+LCP02 =H812-BG1794
Inductive Sensor KIB-M05PS/001-KL2PU
L+ NO L- PNP

+LCP02 =H812-SF2744 +LCP02 =H812-PH2744
BRAKE ON / OFF

(=) Function aspect
=H812 Lower Pulp 0B
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title
+LCP02 Local Control Panel

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Fibertransport 0B

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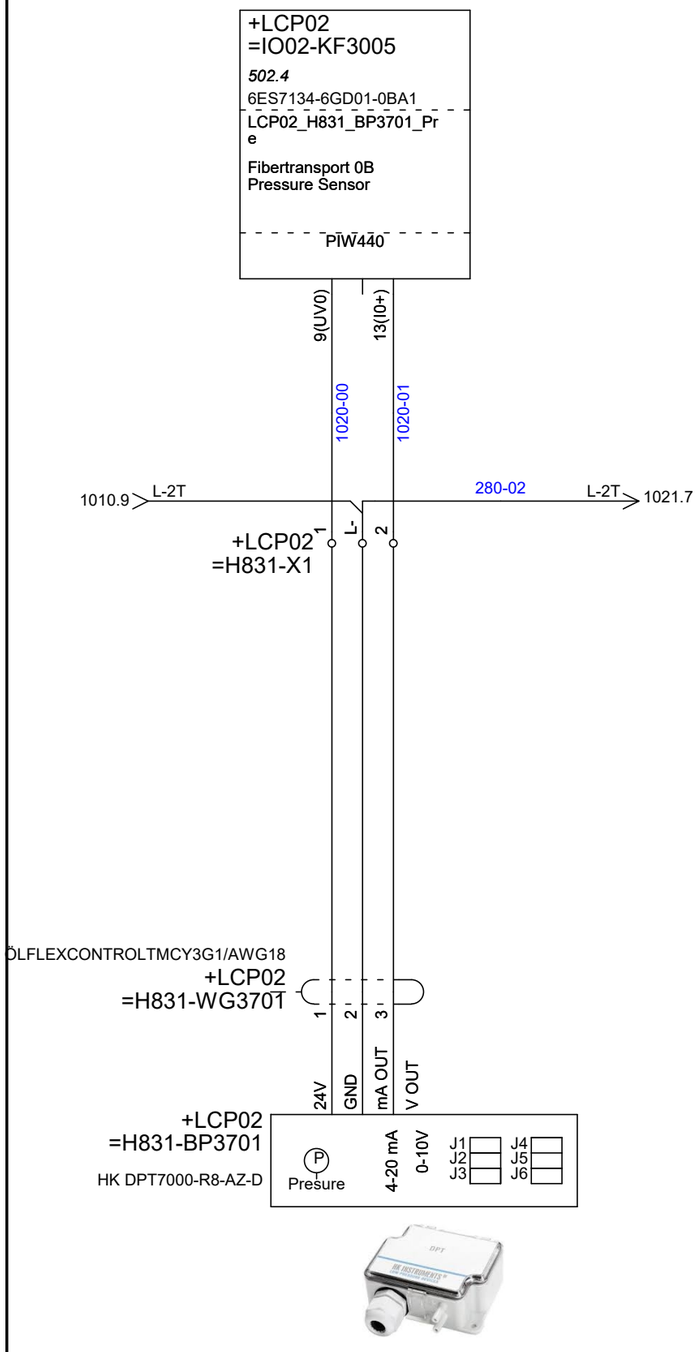
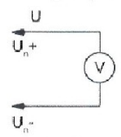


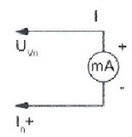
Table 3- 1 Terminal assignment

Terminal assignment for AI 4×U/I 2-wire ST (6ES7134-6HD00-0BA1)						
Terminal	**Assign-ment**	**Terminal**	**Assign-ment**	**Explanation**	**BaseUnit**[1]	**Color identification label (terminals 1 to 16)**
1	U_0+	**2**	U_1+	Voltage input (terminals 1 to 8) • U_n+: Input signal "+", channel n • U_n-: Input signal "-", channel n	A0 A1	 CC03 6ES7193-6CP03-2MA0
3	U_2+	**4**	U_3+			
5	U_0-	**6**	U_1-			
7	U_2-	**8**	U_3-			
9	U_{V0}	**10**	U_{V1}	Current input (terminals 9 to 16) • U_{Vn}: Supply voltage channel n • I_n+: Current input "+", channel n		
11	U_{V2}	**12**	U_{V3}			
13	I_0+	**14**	I_1+			
15	I_2+	**16**	I_3+			
L+	24 VDC	**M**	M			

Voltage input



Current input



[1] Usable BaseUnit types, can be identified by the last two digits of the article number.

Note

The first BaseUnit of a station must be a light-colored BaseUnit. Also keep this in mind during the configuration.

See also

You will find additional information on the BaseUnit types in the ET 200SP distributed I/O system (http://support.automation.siemens.com/WW/view/en/58649293) system manual.

Analog Input Module AI 4xU/I 2-wire ST (6ES7134-6HD00-0BA1)

(=) Function aspect
=H831 Fibertransport 0B
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title
+LCP02 Local Control Panel
Pressure Meassurement

Constructor CHC	JHI, USA Dan-Web Machinery A/S				
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0	1	2	3	4	5	6	7	8	9

+LCP02
=IO02-KF3006
502.6
6ES7134-6JD00-0CA1
LCP02_H831_BT6801_Tmp
Fibertransport 0B
Temp Sensor Wheel House
PIW454
RTD

+LCP02
=IO02-KF3007
502.8
6ES7134-6JD00-0CA1
LCP02_H831_BT6802_Tmp
Fibertransport 0B
Temp. Bearing MS
PIW456
RTD

+LCP02
=IO02-KF3007
502.8
6ES7134-6JD00-0CA1
LCP02_H831_BT6803_Tmp
Fibertransport 0B
Temp. Bearing FS
PIW458
RTD

+LCP02
=IO02-KF3003
501.8
6ES7131-6BF01-0BA0
LCP02_H831_BG1715_Rot
Fibertransport 0A
Rotation Sensor
I37.3
DI

+LCP02
=IO02-KF3005
502.4
6ES7134-6GD01-0BA1
LCP02_H831_BP3702_Pre
Fibertransport 0B
Diff. Pressure Fan
PIW442

4(MO3+) 12(IC3+) 8(MO3-) 16(IC3-)
1021-00 1021-01 1021-02
+LCP02 =H831-X1 3 4 5

1(MO0+) 9(IC0+) 5(MO0-) 13(IC0-)
1021-03 1021-04 1021-05
+LCP02 =H831-X1 6 7 8

2(MO1+) 10(IC1+) 6(MO1-) 14(IC1-)
1021-06 1021-07 1021-08
+LCP02 =H831-X1 9 10 11

4(DI3)
1021-09
1010.9 4L+ 280-26 4L+ 1025.0
+LCP02 =H831-X1 L+ 12

10(UV1) 14(I1+)
1021-10 1021-11
1020.2 L-2T 280-02 L-2T
+LCP02 =H831-X1 13 L- 14

ÖLFLEXCONTROLTMCY18G1/AWG18
+LCP02 =H831-WG.H831-01 1 2 3 4 5 6 7 8 9 10 11 ⏚

+CB.H831-01
Junction Box

+LCP02 =H831-WG6801 RD RD WH
+LCP02 =H831-BT6801 RD RD WH PT100 t°

+LCP02 =H831-WG6802 RD RD WH
+LCP02 =H831-BT6802 RD RD WH PT100 t°

+LCP02 =H831-WG6803 RD RD WH
+LCP02 =H831-BT6803 RD RD WH PT100 t°

+LCP02 =H831-WG1715 WH BK
+LCP02 =H831-BG1715
Rotation Sensor DI0101

ÖLFLEXCONTROLTMCY3G1/AWG18
+LCP02 =H831-WG3702 1 2 3
24V GND mA OUT V OUT

+LCP02 =H831-BP3702
HK DPT7000-R8-AZ-D
P Presure 4-20 mA 0-10V J1 J2 J3 J4 J5 J6

(=) Function aspect
=H831 Fibertransport 0B
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title
+LCP02 Local Control Panel
Temperature- / Pressure Meassurement

Constructor	JHI, USA
CHC	Dan-Web Machinery A/S
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Humidifier Pump Forming Area

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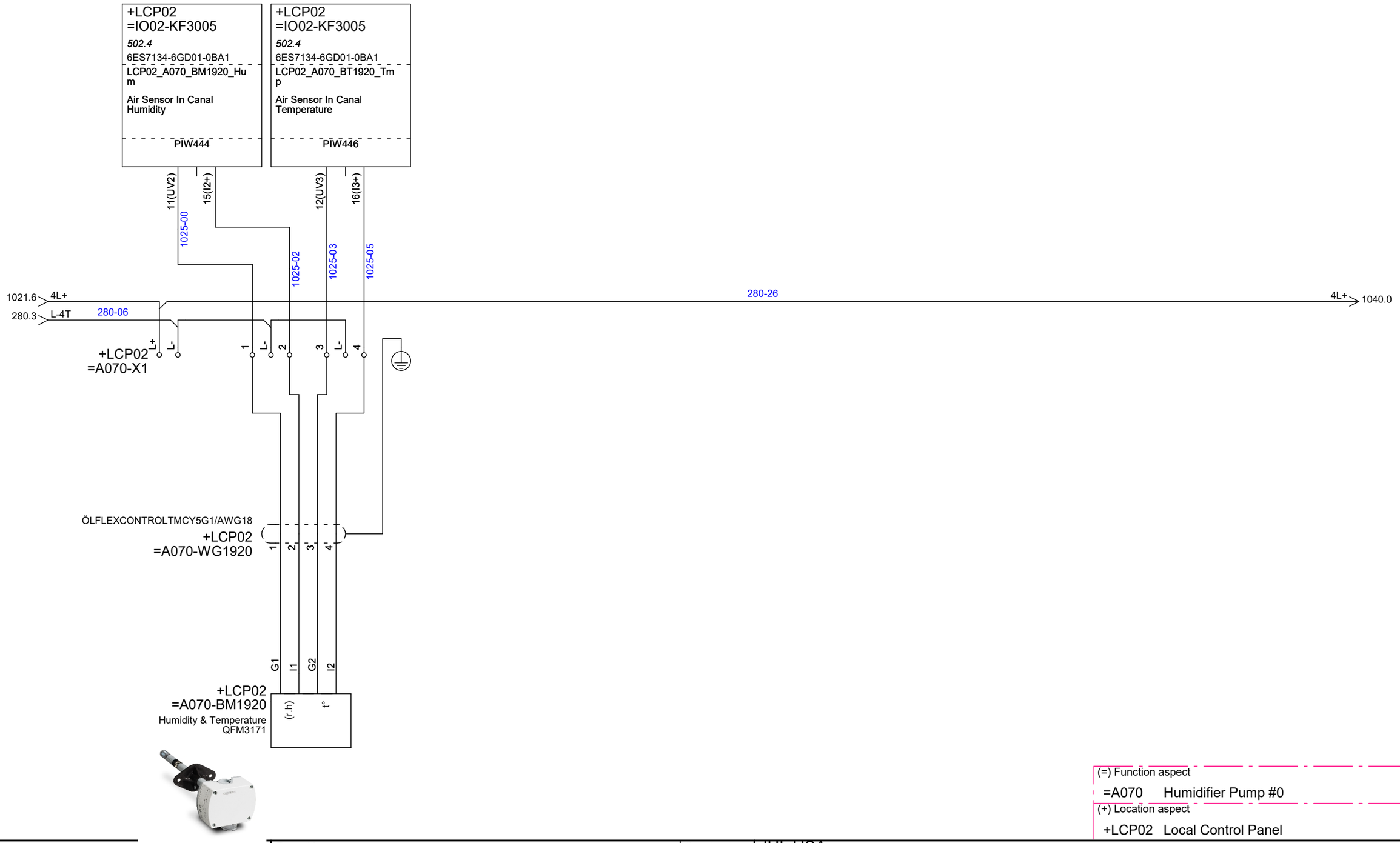
0	1	2	3	4	5	6	7	8	9



(=) Function aspect
=A070 Humidifier Pump #0
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title: **+LCP02 Local Control Panel**	Constructor: CHC	JHI, USA Dan-Web Machinery A/S				
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Emergency Stop

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

+LCP02 =IO02-KF3010 503.6 6ES7136-6BA00-0CA0 LCP02_ES01_SF6231_Ch A Emergency Stop OP02 I118.0 SDI — 1(DI0) — 1035-00

+LCP02 =IO02-KF3010 503.6 6ES7136-6BA00-0CA0 LCP02_ES01_SF6231_Ch B Emergency Stop OP02 I118.4 SDI — 5(DI4) — 1035-01

+LCP02 =IO02-KF3010 503.6 6ES7136-6BA00-0CA0 LCP02_ES01_SF6232_Ch A Spare Safety Digital Input I118.1 SDI — 2(DI1) — 1035-02

+LCP02 =IO02-KF3010 503.6 6ES7136-6BA00-0CA0 LCP02_ES01_SF6232_Ch B Spare Safety Digital Input I118.5 SDI — 6(DI5) — 1035-03

+LCP02 =IO02-KF3010 503.6 6ES7136-6BA00-0CA0 LCP02_ES01_SF6233_Ch A Emergency Stop LCP02 I118.2 SDI — 3(DI2) — 1035-04

+LCP02 =IO02-KF3010 503.6 6ES7136-6BA00-0CA0 LCP02_ES01_SF6233_Ch B Emergency Stop LCP02 I118.6 SDI — 7(DI6) — 1035-09

+LCP02 =IO02-KF3010 503.6 6ES7136-6BA00-0CA0 LCP02_Sdin_SP43_Disp Spare Safety Digital Input I118.3 SDI — 4(DI3) — 1035-10

+LCP02 =IO02-KF3010 503.6 6ES7136-6BA00-0CA0 LCP02_Sdin_SP44_Disp Spare Safety Digital Input I118.7 SDI — 8(DI7) — 1035-11

503.6 2L+ — 280-20 — 2L+

+LCP02 =ES01-X1 1 2 3 4

+LCP02 =ES01-X1 5 6 7 8

+LCP02 =ES01-X1 9 10 11 12

+LCP02 =ES01-X1 13 14 15 16

ÖLFLEXCONTROLTM5G1/AWG18 +LCP02 =ES01-WG6231 1 2 3 4 ⏚

ÖLFLEXCONTROLTM5G1/AWG18 +LCP02 =ES01-WG6232 1 2 3 4 ⏚

1035-05 1035-06 1035-07 1035-08

+OP02

+LCP02 =ES01-SF6231 11 12 21 22 Emergency Stop NOT AUS

Operation Panel

+LCP02 =ES01-SF6232 11 12 21 22 Emergency Stop NOT AUS Spare

+LCP02 =ES01-SF6233 11 12 21 22 Emergency Stop NOT AUS LCP 21 Front

Spare

(=) Function aspect
=ES01 Safety Zone 1
(+) Location aspect
+LCP02 Local Control Panel

Dan-Web®

Page title
+LCP02 Local Control Panel
Emergency Stop

Constructor	JHI, USA
CHC	Dan-Web Machinery A/S

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Dan-Web®

Pneumatic

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

1025.9 4L+ — 280-26 — 4L+ 1041.0

+LCP02
=IO02-KF3003
501.8
6ES7131-6BF01-0BA0
LCP02_AQ03_BF9005_Ps
Pressure Monitor
I37.4
DI

+LCP02
=IO02-KF3004
502.2
6ES7132-6BF01-0BA0
LCP02_H811_QM1071_Op n
Upper Pulp 0B
Up/Down Open/ Close Nip
Q35.4
DO

+LCP02
=IO02-KF3004
502.2
6ES7132-6BF01-0BA0
LCP02_H812_QM1072_Op n
Lower Pulp 0B
Up/Down Open/ Close Nip
Q35.5
DO

5(DI4) — 1040-00

5(DO4) — 1040-02

6(DO5) — 1040-04

RIF-0-RPT-24VDC
+LCP02
=H811-Q1073
11 A1 14 12 A2

RIF-0-RPT-24VDC
+LCP02
=H812-Q1074
11 A1 14 12 A2

1040-01 — 1040-03

280.3 L-3T — 280-04 — L-3T 1041.0

+LCP02 =PNEU-X1 — L+ 1

+LCP02 =PNEU-X1 — L+ L- 2

3

ÖLFLEXCONTROLTM3G1/AWG18
+LCP02
=AQ03-WGP01
1 2

ÖLFLEXCONTROLTM5G1/AWG18
+LCP02
=H810-WGP01A
3 4 5

+PNEU02

+PNEU02
=AQ03-BF9005
1 2 3 4 — C NC NO
P
Pressure Switch

+PNEU02
=H811-QM1073
L+ L- 4 — 1 2 — 0V 24V
Solonoid Valve

+PNEU02
=H812-QM1074
L+ L- 5 — 1 2 — 0V 24V
Solonoid Valve

Pneumatic Panel

.3=.3 .5=.5

(=) Function aspect
=AQ03 Pneumatic Panel
(+) Location aspect
+PNEU02Pneumatic Panel

Dan-Web®

Page title: **+PNEU02 Pneumatic Panel** Pneumatic	Constructor: CHC	JHI, USA Dan-Web Machinery A/S			
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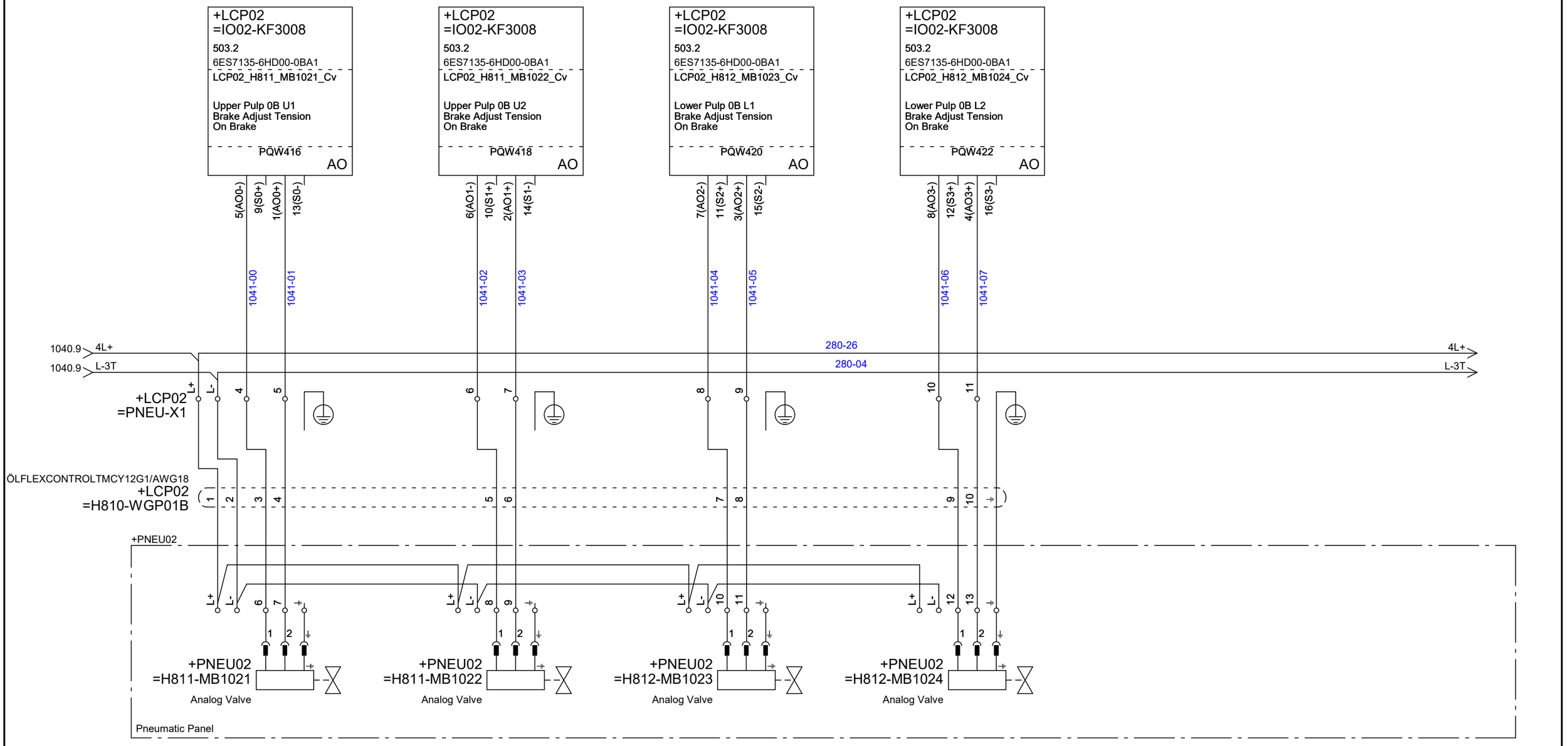
0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9



(=) Function aspect
=AQ03 Pneumatic Panel
(+) Location aspect
+PNEU02Pneumatic Panel

Dan-Web®

Page title: **+PNEU02 Pneumatic Panel** Pneumatic	Constructor: CHC	JHI, USA Dan-Web Machinery A/S			
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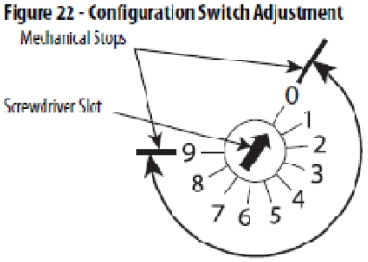
Table 4 - SLS2/Times Settings

SLS2/Time Switch Setting	Safe Maximum Speed Configuration 1…4 and 8 (Configured from 9)	Time Configuration 5…8 (Configured from 0)
0	No limit	10%
1	10 Hz	20%
2	20 Hz	30%
3	50 Hz	40%
4	100 Hz	50%
5	200 Hz	60%
6	500 Hz	70%
7	1000 Hz	80%
8	2000 Hz	90%
9	3000 Hz	100%

Use a small slotted screwdriver to set the switches to the desired setting. The configuration switches are multi-position switches with a limited rotation.

Figure 22 - Configuration Switch Adjustment



IMPORTANT Adjust the switches gently and do not turn past the mechanical stops.

Configuration Process

Configuration is a five-step process. The process requires the wiring to the GLP safety relay to be completed. During the configuration process, GLP safety relay sends out test pulses to determine how it is wired and then configures the internal parameters to match the application.

The GLP safety relay is configured in five steps:

1. With the power OFF, set the switches for configuration.

   Set the Logic switch to:

   - 0 if you want X14 and X24 configured as OSSD safety outputs. They turn ON simultaneously as the L11 SWS output.
   - 9 if you want to use X14 and X14 as test pulse outputs that the GLP safety relay expects to receive at S12 and S22 inputs.
   - You must always set the Logic Switch to 0 or 9 during configuration, even if you only want to change SLS1 or SLS2/Time.

   Set SLS1 to 0.
   Set SLS2/TIME to 0.

2. Apply power.

   The PWR/Fault status indicator flashes red continuously. The prior configuration in the EEPROM is erased and the device now prepared for a new configuration.

3. Adjust the Logic, SLS1, and SLS2/Time switches.

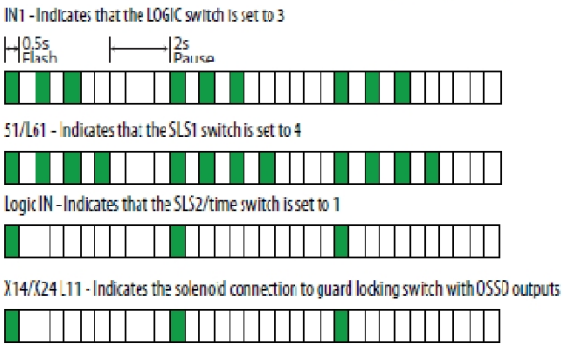
   After 500 ms, the new configuration parameters are acknowledged. Then, after 300 ms, the new parameter is stored in the EEPROM, the power status indicator is solid green.

   TIP You can change (or readjust) the switch settings during Step 3 and 4. The power status indicator momentarily flashes red again.

4. Verify the settings by counting the blink rates of the status indicators.

   The status indicators flash for 0.5 seconds to indicate the switch setting. The number of flashes is equal to the switch setting. The blinking repeats after a two-second pause.

Figure 23 - Example of the Status Indicators Flashing during Configuration Mode



5. Cycle the power to store the settings.

   After power-up, the current switch settings are compared to the values in the EEPROM, and the input and output circuits are checked. Upon successful completion of the internal checks, the GLP safety relay is ready for operation.

The X14/X24 L11 status indicator indicates the type of connection that is made to terminals 51 and L61. Table 5 shows the conditions for the X14/X24 L11 status indicator blink rates.

Table 5 - X14/X24/L11 Status Indicator

X14/X24/L11 Status Indicator Blinks	Guard Locking Switch	51	L61
One time	OSSD Guard Locking Switch (for example, TL5-ZF or 440G-LZ)	High side	High side
Two times	Standard Guard Locking Switch (for example, TL53-GD2)	High side	Low side

Componentlist

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Componentlist

Pos.	Component Page/path	Type Description	Make
1	**+LCP02-LCP02** =DC01/280.0	1077500 Rittal enclosure AE 1077 760x760x210 mm	**Rittal**
2	**+LCP02=A070-X1 (4)** =A070/1025.2	PTTB2,5 2 level terminal spring	**Phoenix Contact**
3	**+LCP02=DC01-FC1001** =DC01/280.5	6EP1961-2BA41 SITOP PSE200U 10A SELECTIVITY MODULE 4CH. 24VDC ADJ.3-10A	**Siemens**
4	**+LCP02=DC01-SF1001** =DC01/280.5	M22-A Fixing adapter 3 contacts	**Möeller**
5	**+LCP02=DC01-SF1001 (2)** =DC01/280.5	M22-K10 Contact element 1M, frontfixing	**Möeller**
6	**+LCP02=DC01-SF1001** =DC01/280.5	M22-IVS Adapter for DIN rail	**Möeller**
7	**+LCP02=DC01-SF1001** =DC01/280.5	M22-WK Changeover switch w.thumb-grib, momentary 2pos.	**Möeller**
8	**+LCP02=DC01-SF1002** =DC01/280.7	M22-WK Changeover switch w.thumb-grib, momentary 2pos.	**Möeller**
9	**+LCP02=DC01-SF1002** =DC01/280.7	M22-IVS Adapter for DIN rail	**Möeller**
10	**+LCP02=DC01-SF1002 (2)** =DC01/280.7	M22-K10 Contact element 1M, frontfixing	**Möeller**
11	**+LCP02=DC01-SF1002** =DC01/280.7	M22-A Fixing adapter 3 contacts	**Möeller**
12	**+LCP02=DC01-X1 (2)** =DC01/280.1	PT4 Terminal spring	**Phoenix Contact**
13	**+LCP02=DC01-X100 (8)** =DC01/280.4	PT2,5 Terminal spring	**Phoenix Contact**
14	**+LCP02=DC01-X101 (4)** =DC01/280.8	PT2,5 Terminal spring	**Phoenix Contact**
15	**+LCP02=ES01-SF6233** =ES01/1035.5	M22-PVT Emergency stop actuator, turn to release	**Möeller**
16	**+LCP02=ES01-X1 (8)** =ES01/1035.2	PTTB2,5 2 level terminal spring	**Phoenix Contact**
17	**+LCP02=H810-X1 (5)** =H810/1006.2	PTTB2,5 2 level terminal spring	**Phoenix Contact**
18	**+LCP02=H811-Q1073** =AQ03/1040.4	RIF-0-RPT-24VDC Relæ RIF-0..., mini-effektrelæ med 1 sluttekontakt	**Phoenix Contact**
19	**+LCP02=H811-SF2741** =H811/1009.3	M22-DL-G Illuminated Pushbutton Actuator	**Möeller**
20	**+LCP02=H811-SF2741** =H811/1009.3	M22-LED-G LED Element 18-30V AC/DC, Frontmount	**Möeller**
21	**+LCP02=H811-SF2741** =H811/1009.3	M22-K10 Contact element 1M, frontfixing	**Möeller**
22	**+LCP02=H811-SF2742** =H811/1009.8	M22-DL-G Illuminated Pushbutton Actuator	**Möeller**
23	**+LCP02=H811-X1 (12)** =H810/1007.7	PTTB2,5 2 level terminal spring	**Phoenix Contact**
24	**+LCP02=H812-Q1074** =AQ03/1040.6	RIF-0-RPT-24VDC Relæ RIF-0..., mini-effektrelæ med 1 sluttekontakt	**Phoenix Contact**
25	**+LCP02=H812-X1 (12)** =H810/1007.9	PTTB2,5 2 level terminal spring	**Phoenix Contact**

Componentlist

Pos.	Component Page/path	Type Description	Make
26	**+LCP02=H821-KF6812** =H821/1000.0	440R-GL2S2P Guard-Locking Proximity Inputs Safety Relay	**Allen-Bradley**
27	**+LCP02=H821-X1 (13)** =H821/1001.5	PTTB2,5 2 level terminal spring	**Phoenix Contact**
28	**+LCP02=H831-X1 (9)** =H831/1021.8	PTTB2,5 2 level terminal spring	**Phoenix Contact**
29	**+LCP02=IO02-KF1000** =IO02/501.1	6ES7155-6AA01-0BN0 SIMATIC ET 200SP, PROFINET INTERFACE MODULE IM155-6PN STANDARD	**Siemens**
30	**+LCP02=IO02-KF3001** =IO02/501.3	6ES7131-6BF01-0BA0 SIMATIC ET 200SP, INPUT DI 8X 24VDC STANDARD	**Siemens**
31	**+LCP02=IO02-KF3001** =IO02/501.3	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-IN TERM, NEW LOAD	**Siemens**
32	**+LCP02=IO02-KF3002** =IO02/501.5	6ES7131-6BF01-0BA0 SIMATIC ET 200SP, INPUT DI 8X 24VDC STANDARD	**Siemens**
33	**+LCP02=IO02-KF3002** =IO02/501.5	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-IN TERM, BRIDGED TO	**Siemens**
34	**+LCP02=IO02-KF3003** =DC01/280.7	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-IN TERM, BRIDGED TO	**Siemens**
35	**+LCP02=IO02-KF3003** =DC01/280.7	6ES7131-6BF01-0BA0 SIMATIC ET 200SP, INPUT DI 8X 24VDC STANDARD	**Siemens**
36	**+LCP02=IO02-KF3004** =DC01/280.6	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-IN TERM, BRIDGED TO	**Siemens**
37	**+LCP02=IO02-KF3004** =DC01/280.6	6ES7132-6BF01-0BA0 SIMATIC ET 200SP, OUTPUT DQ 8X24VDC/0,5A STANDARD	**Siemens**
38	**+LCP02=IO02-KF3005** =IO02/502.3	6ES7134-6GD01-0BA1 SIMATIC ET 200SP, AI 4XI 2-/4-WIRE STANDARD	**Siemens**
39	**+LCP02=IO02-KF3005** =IO02/502.3	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-IN TERM, NEW LOAD	**Siemens**
40	**+LCP02=IO02-KF3006** =IO02/502.5	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-IN TERM, NEW LOAD	**Siemens**
41	**+LCP02=IO02-KF3006** =IO02/502.5	6ES7134-6JD00-0CA1 SIMATIC ET 200SP, AI 4XRTD/TC HIGH FEATURE, FITS TO BU-TYPE A0, A1, COLOR CODE C	**Siemens**
42	**+LCP02=IO02-KF3007** =IO02/502.7	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-IN TERM, BRIDGED TO	**Siemens**
43	**+LCP02=IO02-KF3007** =IO02/502.7	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-IN TERM, NEW LOAD	**Siemens**
44	**+LCP02=IO02-KF3007** =IO02/502.7	6ES7134-6JD00-0CA1 SIMATIC ET 200SP, AI 4XRTD/TC HIGH FEATURE, FITS TO BU-TYPE A0, A1, COLOR CODE C	**Siemens**
45	**+LCP02=IO02-KF3008** =IO02/503.1	6ES7135-6HD00-0BA1 SIMATIC ET 200SP, ANALOG OUT AQ 4XU/I STANDARD	**Siemens**
46	**+LCP02=IO02-KF3008** =IO02/503.1	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-IN TERM, NEW LOAD	**Siemens**
47	**+LCP02=IO02-KF3009 (136)** =IO02/503.3	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-IN TERM, NEW LOAD	**Siemens**
48	**+LCP02=IO02-KF3009 (128)** =IO02/503.3	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-IN TERM, BRIDGED TO	**Siemens**
49	**+LCP02=IO02-KF3009** =IO02/503.3	6ES7136-6BA00-0CA0 SIMATIC ET 200SP, SAFETY F-DI 8X24VDC HF	**Siemens**
50	**+LCP02=IO02-KF3010 (2)** =ES01/1035.1	6ES7136-6BA00-0CA0 SIMATIC ET 200SP, SAFETY F-DI 8X24VDC HF	**Siemens**

Componentlist

Pos.	Component Page/path	Type Description	Make
51	**+LCP02=IO02-KF3010** =IO02/503.5	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-IN TERM, BRIDGED TO	**Siemens**
52	**+LCP02=IO02-KF3011** =IO02/503.7	6ES7136-6DB00-0CA0 SIMATIC ET 200SP, SAFETY F-DQ 4XDC 24V/2A	**Siemens**
53	**+LCP02=IO02-KF3011** =IO02/503.7	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-IN TERM, BRIDGED TO	**Siemens**
54	**+LCP02=PNEU-X1 (14)** =AQ03/1041.6	PTTB2,5 2 level terminal spring	**Phoenix Contact**
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Graphic Cable Plan

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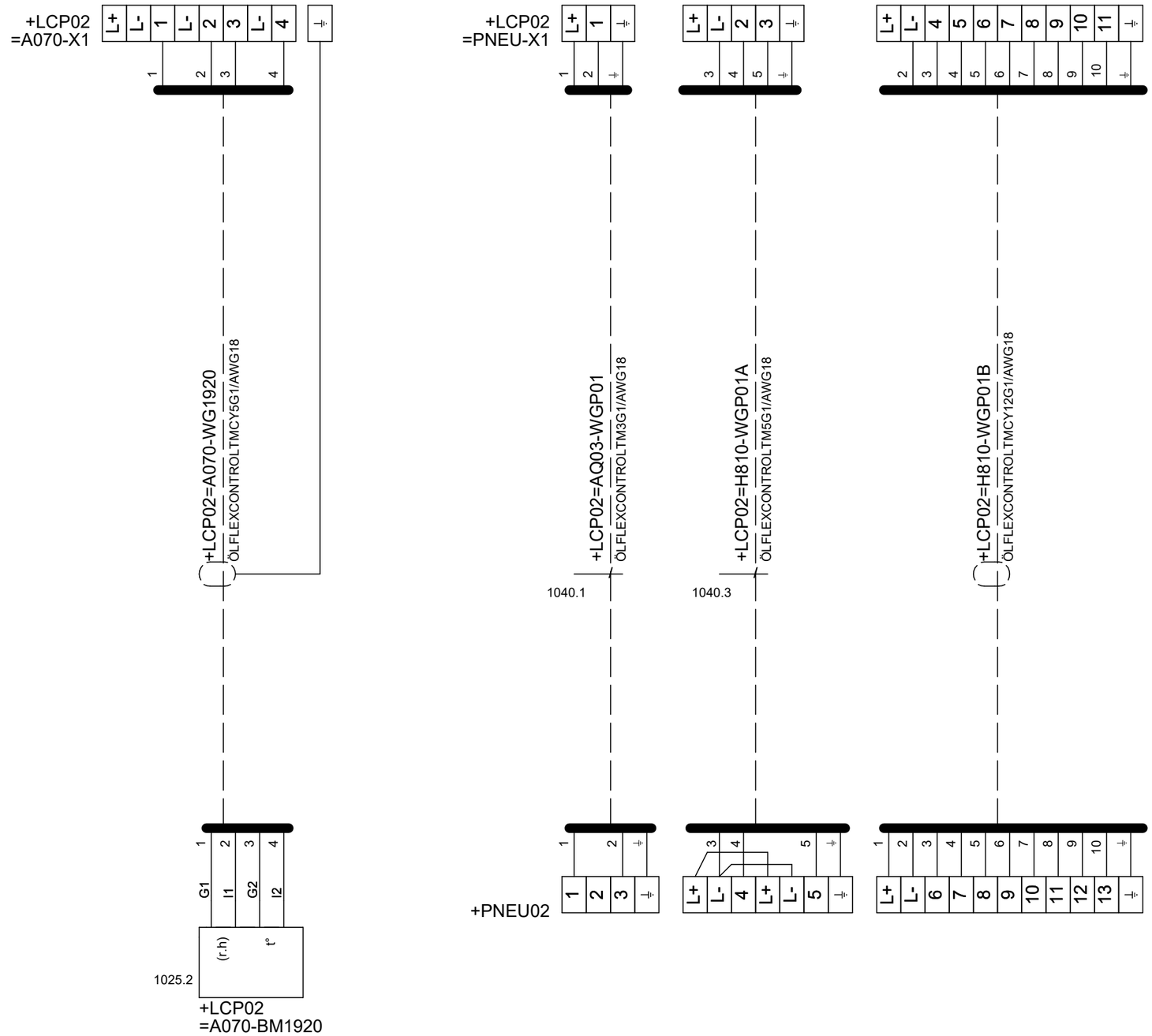

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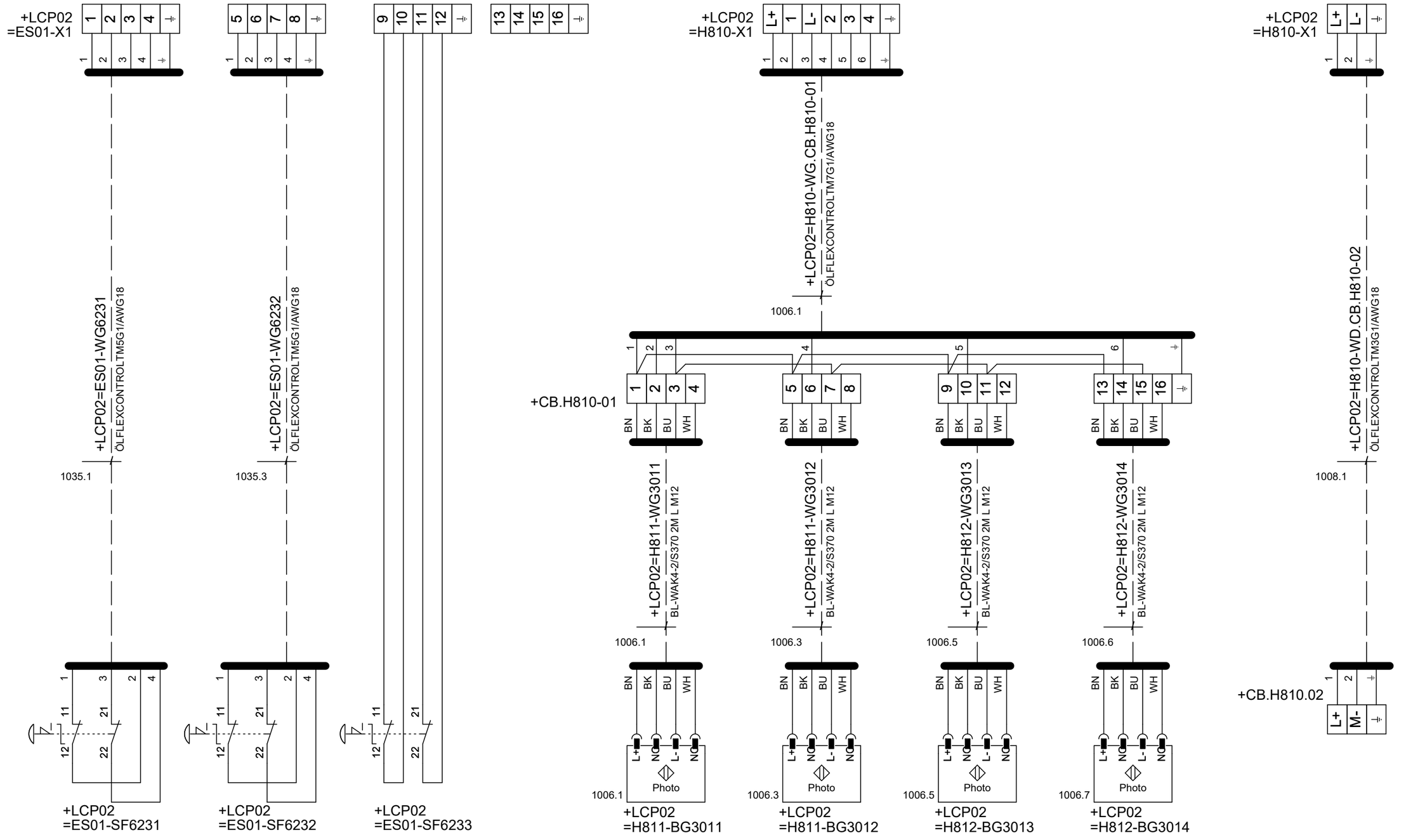

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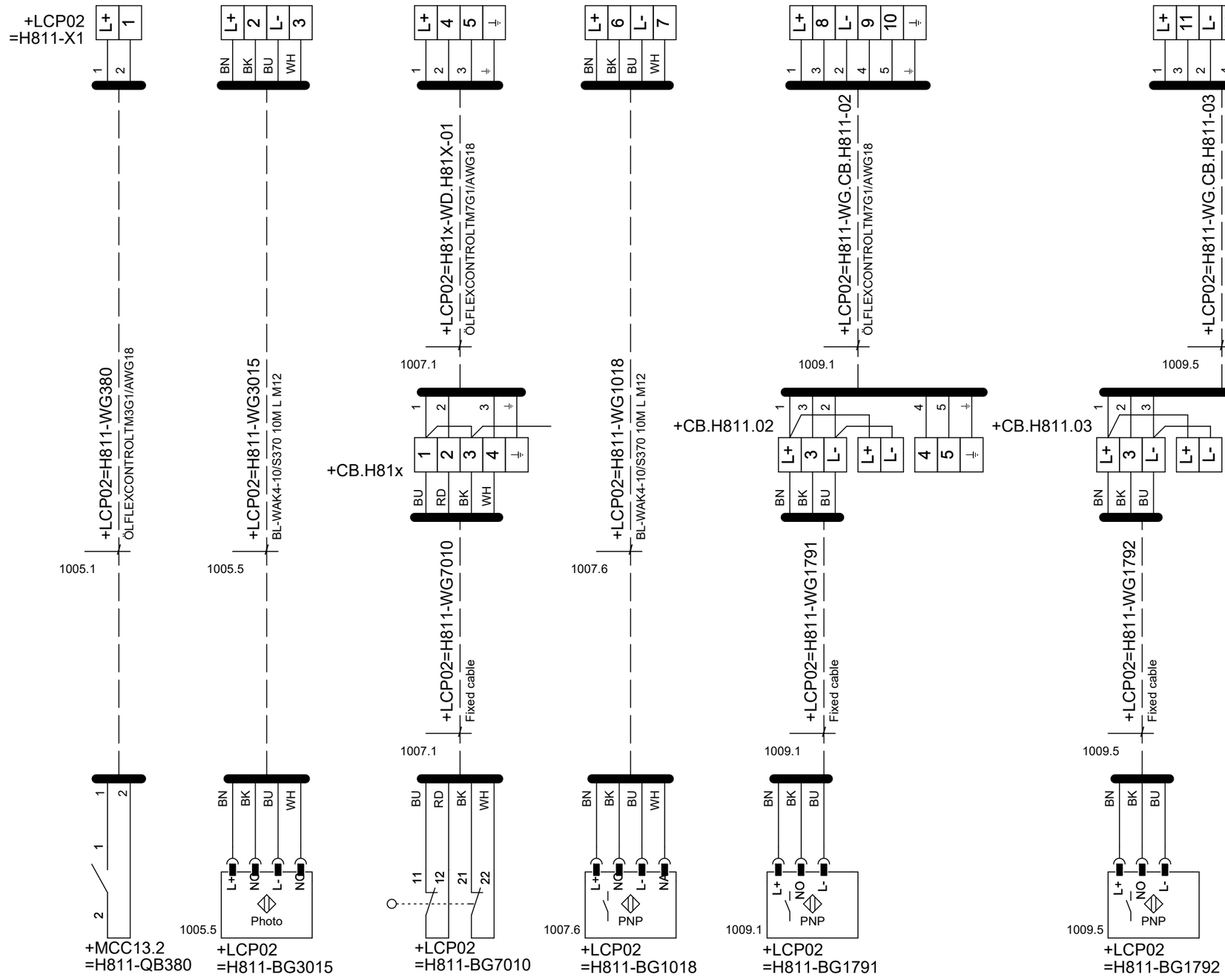

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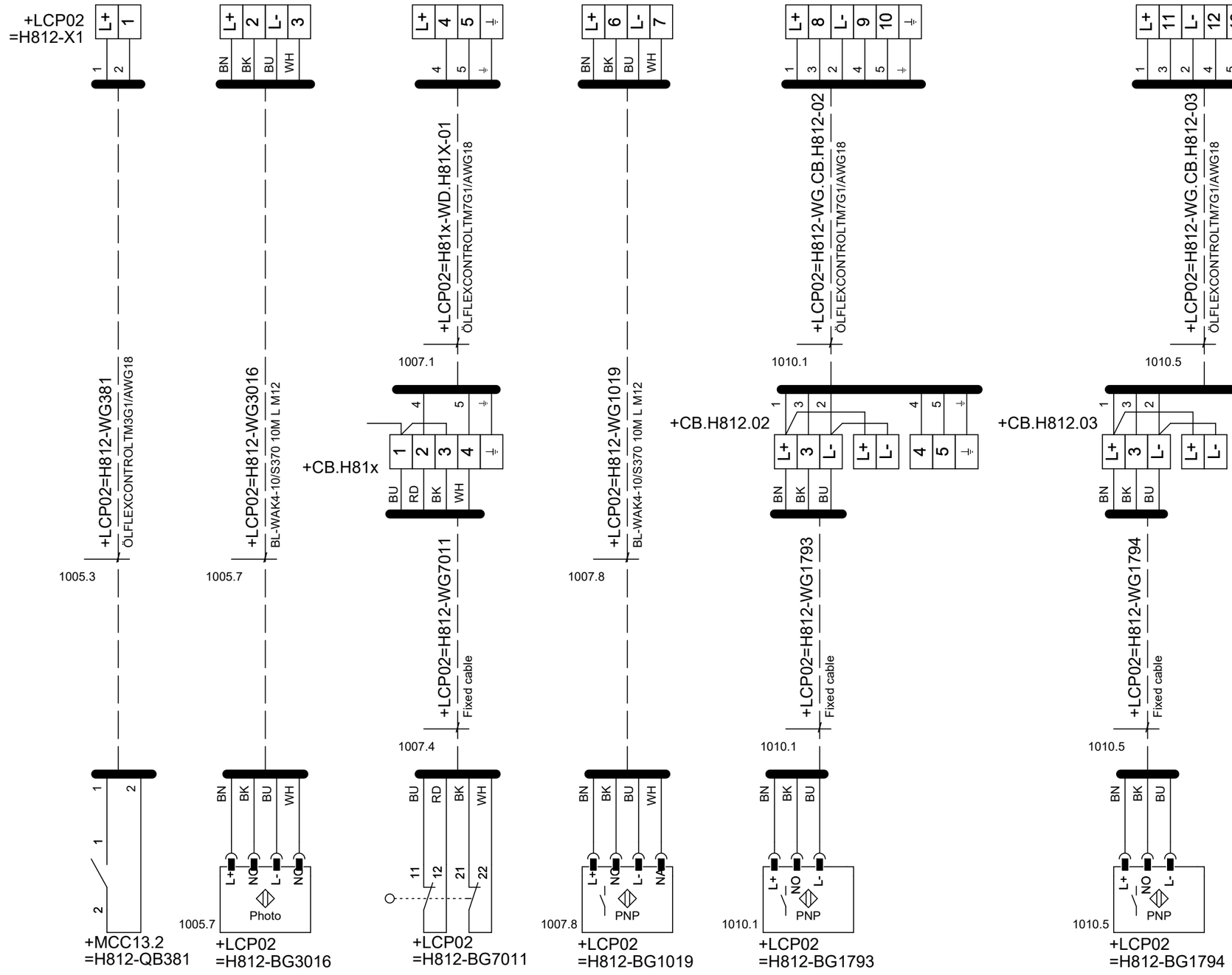

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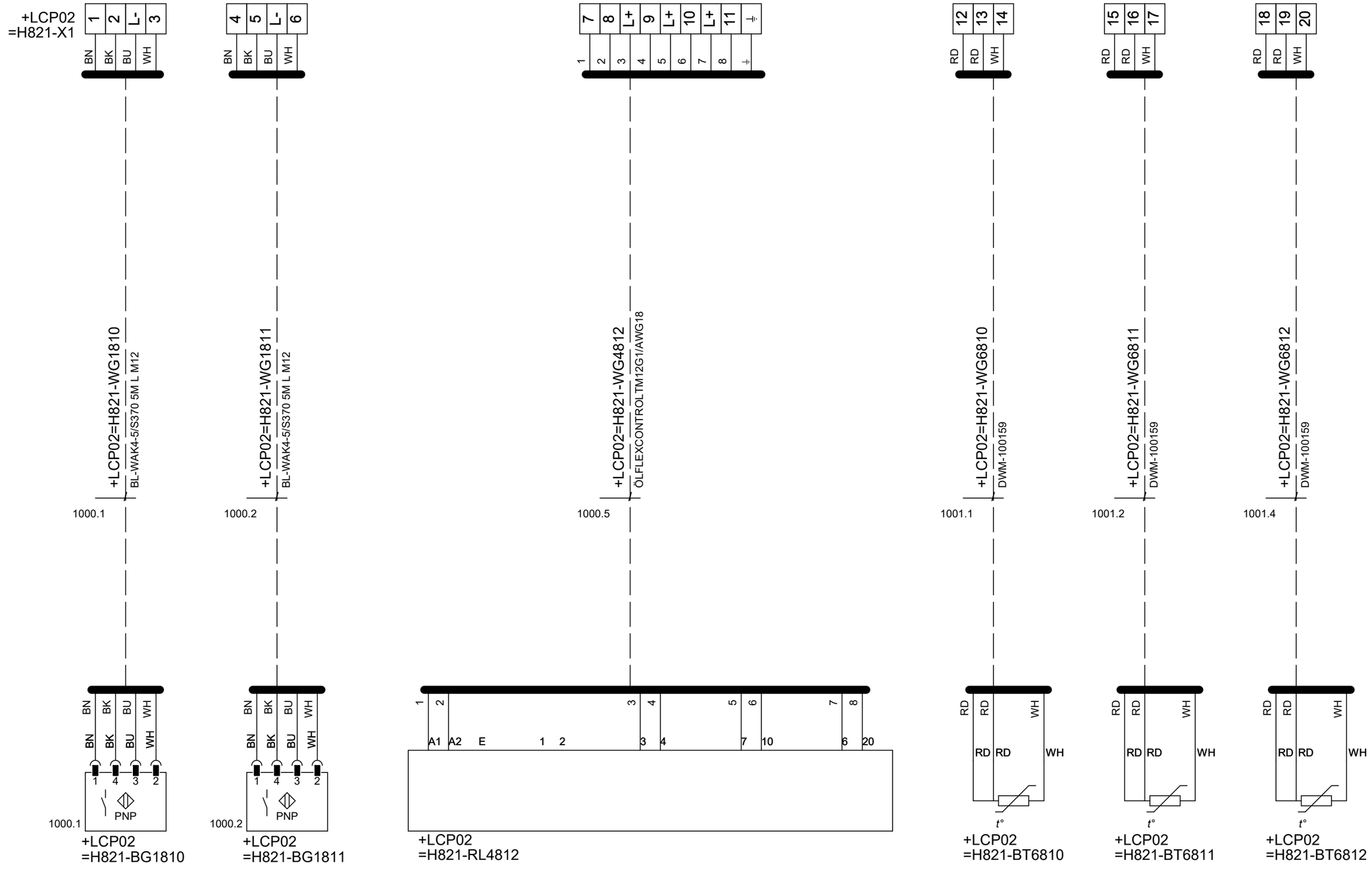

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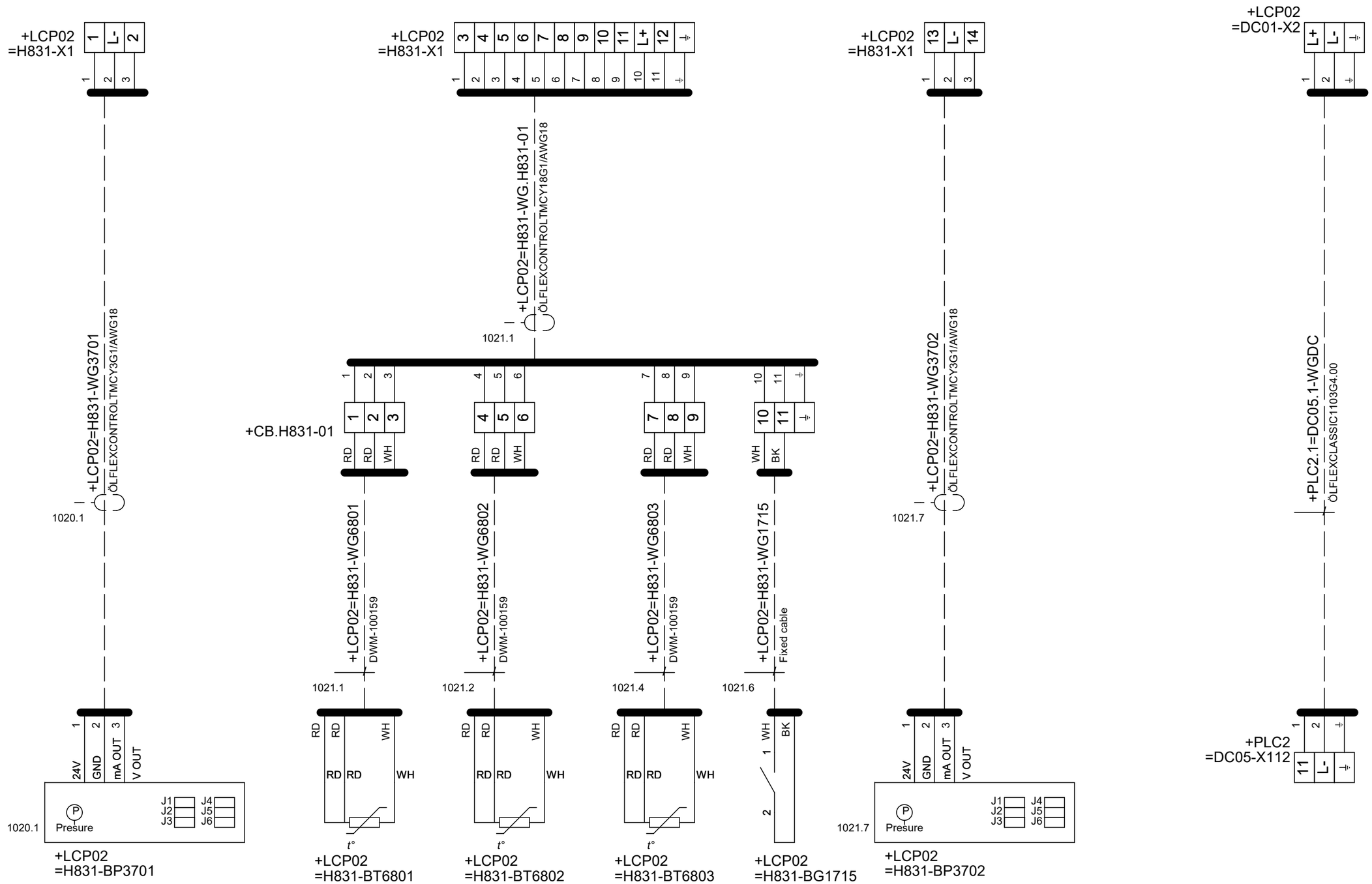

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