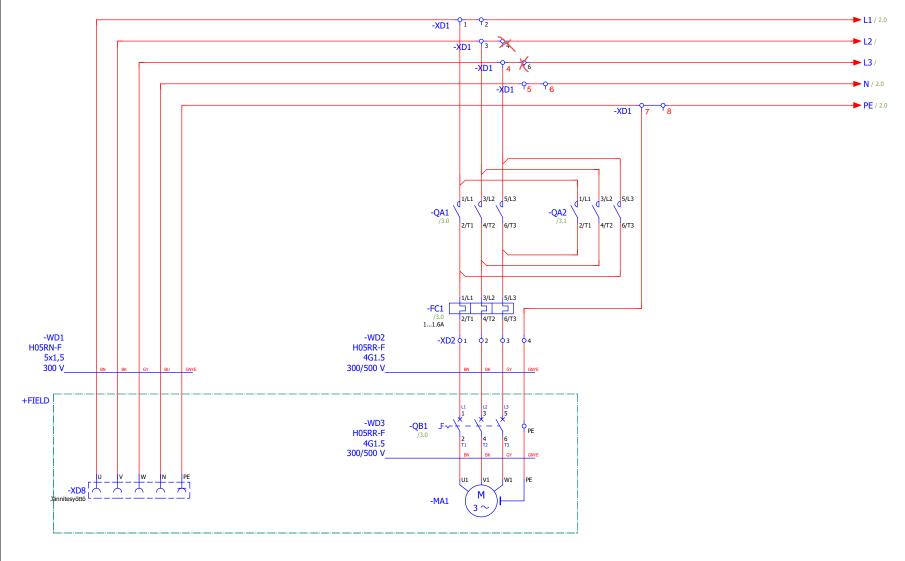
0 1 2 3 4 5 6 7 8 9

CONTROL WITH PUSHBUTTON

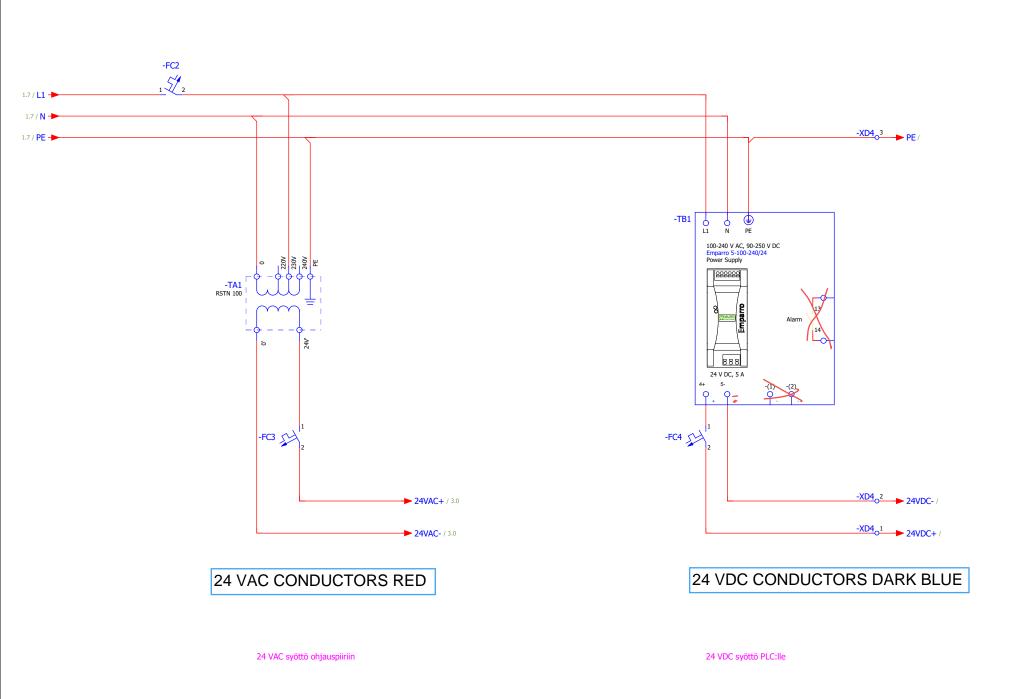




Jännitesyöttö Moottori 1

Date 26.10.2023 EPLAN EPLAN GmbH & Co. KG Sähkönsyöttö ja moottori = HMCC1

Basic project with identification structure in accordance with Modification Date Name Original Date Name Original Replacement of Replacement of Replaced by Replaced by Replacement of Replaced by Replacement of Replaced by Replaced by Replacement of Replaced by Replaced

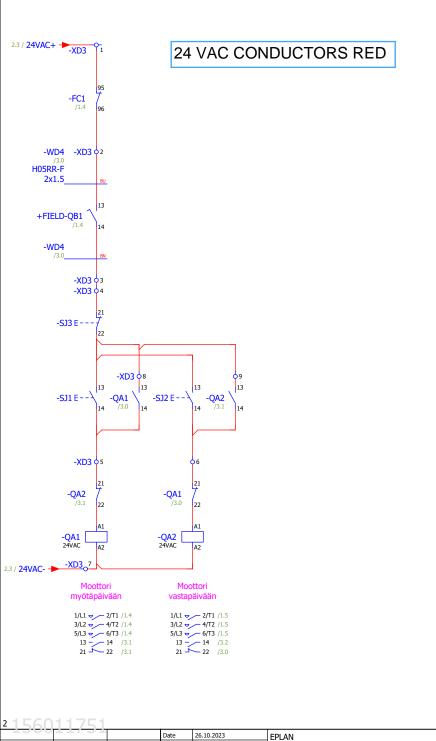


| Fig. |

Sähkönjakelu 24V

EPLAN GmbH & Co. KG

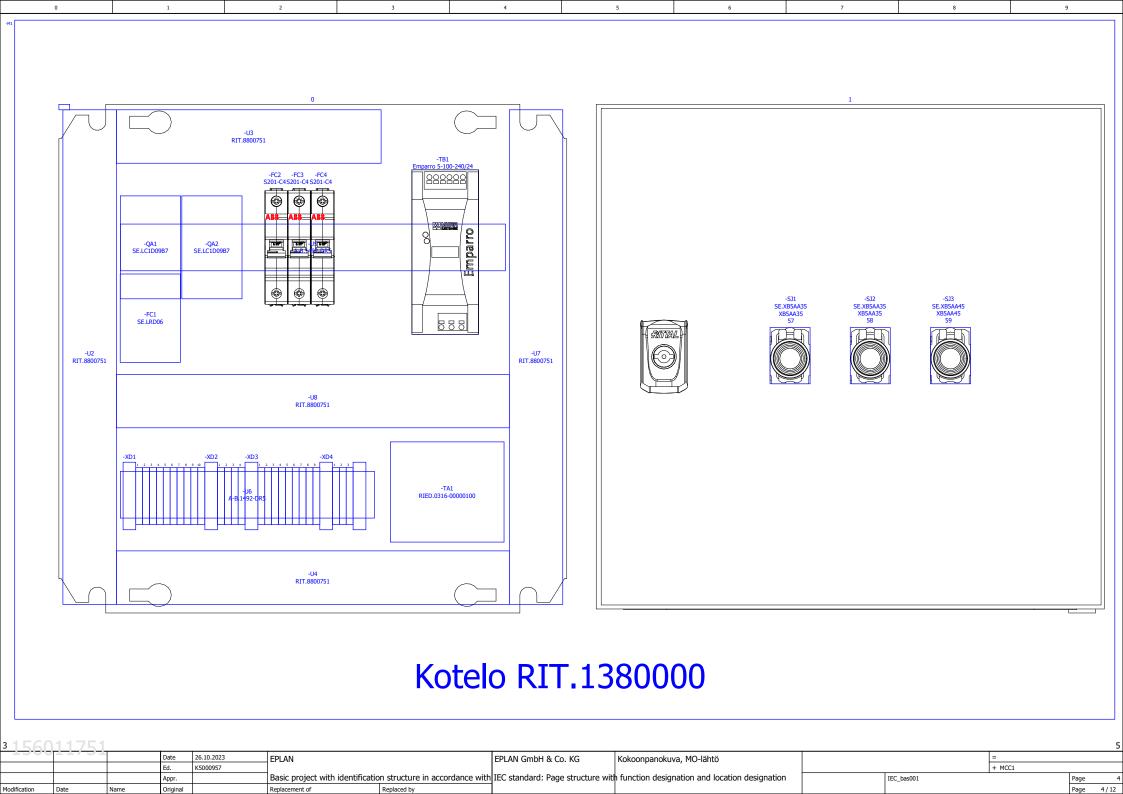
26.10.2023



EPLAN GmbH & Co. KG Ohjauspiiri + MCC1 K5000957 Basic project with identification structure in accordance with IEC standard: Page structure with function designation and location designation

Appr. Modification Date

IEC_bas001



Device tag list

Appr.

Modification

Date

Device tag	Quantity	Designation	Type number	Manufacturer	Part number
FC1	1	TeSys LRD,Deca thermal overload relays - 11.6 A - class 10A	LRD06	SE	SE.LRD06
FC2	1	Miniature Circuit Breaker - S200 - 1P - C - 4 A	S201-C4	ABB	ABB.2CDS251001R0044
<u>-C3</u>	1	Miniature Circuit Breaker - S200 - 1P - C - 4 A	S201-C4	ABB	ABB.2CDS251001R0044
C4	1	Miniature Circuit Breaker - S200 - 1P - C - 4 A	S201-C4	ABB	ABB.2CDS251001R0044
11					
<u>)</u> A1	1	TeSys Deca contactor - 3P(3 NO) - AC-3 - <lt></lt> = 440 V 12 A - 24 V AC coil	LC1D09B7	SE	SE.LC1D09B7
QA2	1	TeSys Deca contactor - 3P(3 NO) - AC-3 - <it></it> = 440 V 12 A - 24 V AC coil	LC1D09B7	SE	SE.LC1D09B7
5)1	1	green flush complete pushbutton Ø22Spring return 1NO+1NC 600VAC	XB5AA35	SE	SE.XB5AA35
532	1	green flush complete pushbutton Ø22Spring return 1NO+1NC 600VAC	XB5AA35	SE	SE.XB5AA35
333	1	red flush complete pushbutton Ø22Spring return 1NO+1NC 600VAC	XB5AA45	SE	SE.XB5AA45
Ā1	1	Isolating Transformer	RSTN 100	RIED	RIED.0316-00000100
B1	1	Emparro 5-100-240/24	Emparro 5-100-240/24	MURR	MURR.85440
J1	1	Compact enclosure AX	AX.1380000	RIT	RIT.1380000
J2	1	Cable duct	TS.8800751	RIT	RIT.8800751
J3	1	Cable duct	TS.8800751	RIT	RIT.8800751
J4	1	Cable duct	TS.8800751	RIT	RIT.8800751
J5	1	DIN Mounting Rail	1492	A-B	A-B.1492-DR5
J6	1	DIN Mounting Rail	1492	A-B	A-B.1492-DR5
J7	1	Cable duct	TS.8800751	RIT	RIT.8800751
J8	1	Cable duct	TS.8800751	RIT	RIT.8800751
JC1					
JC2	1	Compact enclosure AX	AX.1380000	RIT	RIT.1380000
D1	1	End bracket for terminal block	E/UK	PXC	PXC.1201442
	1	Feed-through terminal block	UK 2,5 N	PXC	PXC.3003347
D2	1	End bracket for terminal block	E/UK	PXC	PXC.1201442
	1	Feed-through terminal block	UK 2,5 N	PXC	PXC.3003347
D3	1	End bracket for terminal block	E/UK	PXC	PXC.1201442
	1	Feed-through terminal block	UK 2,5 N	PXC	PXC.3003347

26.10.2023 EPLAN GmbH & Co. KG Device tag list : =+ - =+MCC1-XD3 + MCC1 K5000957

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IEC_bas001

Basic project with identification structure in accordance with IEC standard: Page structure with function designation and location designation

Device tag list

F03_DT_KURS

9					
Device tag	Quantity	Designation	Type number	Manufacturer	Part number
-XD4	1	End bracket for terminal block	E/UK	PXC	PXC.1201442
	1	Feed-through terminal block	UK 2,5 N	PXC	PXC.3003347
+FIELD-MA1					
+FIELD-QB1	1	EM. STOP SWITCH 16A/690V 400V/7.5KW	3LD2064-1GP53	SIE	SIE.3LD2064-1GP53
+FIELD-XD8					

15.00	117-5-1		Date	26.10.2023	EPLAN	LAN		Device tag list : =+MCC1-XD4 - =+FIELD-XD8	evice tag list: =+MCC1-XD4 - =+FIELD-XD8		=		
	'	[Ed.	K5000957			1	1	1	ļ	+ MCC1		
			Appr.		Basic project with identification	n structure in accordance with	IEC standard: Page structure wit	h function designation and location designation		IEC_bas001		Page	5.a
1odification	Date	Name	Original		Replacement of	Replaced by	1 '	1	,	1		Page 6	/ 12

F27_001

Connection list

-XD3:3:1

+FIELD-QB1:14

Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	-XD1:1:2	+FIELD-XD8:U	1,5	BN		/1.4	/1.0	Conductor / wire
	+FIELD-MA1:U1	+FIELD-QB1:2	1.5	BN		/1.4	/1.4	Conductor / wire
	-XD2:1:2	+FIELD-QB1:1	1.5	BN		/1.4	/1.4	Conductor / wire
	-FC1:2/T1	-XD2:1:1	1,5	BK		/1.4	/1.4	Conductor / wire
	-FC1:1/L1	-QA1:2/T1				/1.4	/1.4	Conductor / wire
	-QA1:2/T1	-QA2:6/T3	1,5	BK		/1.4	/1.5	Conductor / wire
	-QA1:1/L1	-XD1:1	1,5	BK		/1.4	/1.4	Conductor / wire
	-QA1:1/L1	-QA2:1/L1	1,5	BK		/1.4	/1.5	Conductor / wire
	-XD1:1:1	-XD1:2:2				/1.4	/1.4	Wire jumper
	-XD1:3:2	+FIELD-XD8:V	1,5	BK		/1.4	/1.0	Conductor / wire
	+FIELD-MA1:V1	+FIELD-QB1:4	1.5	BK		/1.4	/1.4	Conductor / wire
	-XD2:2:2	+FIELD-QB1:3	1.5	BK		/1.4	/1.4	Conductor / wire
	-FC1:4/T2	-XD2:2:1	1,5	BK		/1.4	/1.4	Conductor / wire
	-FC1:3/L2	-QA1:4/T2	2/5	Sit.		/1.4	/1.4	Conductor / wire
	-QA1:4/T2	-QA2:4/T2	1,5	BK		/1.4	/1.5	Conductor / wire
	-QA1:3/L2	-XD1:3	1,5	BK		/1.4	/1.4	Conductor / wire
	-QA1:3/L2 -QA1:3/L2	-AD1:3 -QA2:3/L2	1,5	BK		/1.4	/1.5	Conductor / wire
		-QA2.3/L2 -XD1:4:2	1,5	DN				
	-XD1:3:1					/1.4	/1.4	Saddle jumper
	-XD1:5:2	+FIELD-XD8:W	1,5	GY		/1.4	/1.0	Conductor / wire
	+FIELD-MA1:W1	+FIELD-QB1:6	1.5	GY		/1.4	/1.4	Conductor / wire
	-XD2:3:2	+FIELD-QB1:5	1.5	GY		/1.4	/1.4	Conductor / wire
	-FC1:6/T3	-XD2:3:1	1,5	BK		/1.4	/1.4	Conductor / wire
	-FC1:5/L3	-QA1:6/T3				/1.4	/1.4	Conductor / wire
	-QA1:6/T3	-QA2:2/T1	1,5	BK		/1.4	/1.5	Conductor / wire
	-QA1:5/L3	-XD1:5	1,5	BK		/1.4	/1.4	Conductor / wire
	-QA1:5/L3	-QA2:5/L3	1,5	BK		/1.4	/1.5	Conductor / wire
	-XD1:5:1	-XD1:6:2				/1.4	/1.4	Saddle jumper
	-XD1:7:2	+FIELD-XD8:N	1,5	BU		/1.4	/1.0	Conductor / wire
	+FIELD-MA1:PE	+FIELD-QB1:PE	1.5	GNYE		/1.4	/1.4	Conductor / wire
	-XD2:4:2	+FIELD-QB1:PE	1.5	GNYE		/1.4	/1.4	Conductor / wire
	-XD1:7:1	-XD1:8:2				/1.4	/1.4	Wire jumper
	-XD1:9:1	+FIELD-XD8:PE	1,5	GNYE		/1.5	/1.0	Conductor / wire
	-XD1:9	-XD2:4:1	1,5	GNYE		/1.5	/1.4	Conductor / wire
	-XD1:9:2	-XD1:10:1				/1.5	/1.5	Direct connection
	-FC2:1	-XD1:2:1	1,5	BK		/2.1	/1.4	Conductor / wire
	-TA1:0'	-XD3:7:1	0,75	RD		/2.2	/3.0	Conductor / wire
	-TA1:0	-XD1:8:1	1,5	BU		/2.2	/1.4	Conductor / wire
	-TB1:N	-XD1:8:1	1,5	BU		/2.6	/1.4	Conductor / wire
	-FC2:2	-TA1:230V	1,5	BK		/2.1	/2.2	Conductor / wire
	-FC2:2	-TB1:L1	1,5	BK		/2.1	/2.6	Conductor / wire
	-FC3:2	-XD3:1:1	0,75	RD	+	/2.2	/3.0	Conductor / wire
	-FC3:1	-AD3.1.1 -TA1:24V'	0,75	RD RD	+	/2.2	/2.2	Conductor / wire
	-FC5:1 -TA1:PE	-XD1:10:2	1,5	GNYE		/2.2	/1.5	Conductor / wire
	-TB1:PE	-XD1:10:2 -XD1:10:2	1,5	GNYE		/2.6	/1.5	Conductor / wire
	-TB1:PE	-XD4:3:1	1,5	GNYE		/2.6	/2.7	Conductor / wire
	-FC4:2	-XD4:1:1	0,75	BU		/2.6	/2.7	Conductor / wire
	-FC4:1	-TB1:+(1)	0,75	BU	-	/2.6	/2.6	Conductor / wire
	-TB1:+(2)	-XD4:2:1	0,75	BU		/2.6	/2.7	Conductor / wire
	-QA1:A2	-XD3:7:2	0,75	RD		/3.0	/3.0	Conductor / wire
	-QA1:A2	-QA2:A2	0,75	RD		/3.0	/3.1	Conductor / wire
	-QA1:A1	-QA2:22	0,75	RD		/3.0	/3.0	Conductor / wire
	-QA2:21	-XD3:5:2	0,75	RD		/3.0	/3.0	Conductor / wire
	-SJ1:14	-XD3:5:1	0,75	RD		/3.0	/3.0	Conductor / wire
	-QA1:14	-XD3:5:1	0,75	RD		/3.1	/3.0	Conductor / wire
	-SJ3:21	-XD3:4:2	0,75	RD		/3.0	/3.0	Conductor / wire
	-XD3:3:2	-XD3:4:1				/3.0	/3.0	Saddle jumper

EPLAN EPLAN GmbH & Co. KG 26.10.2023 Connection list : -

			Ed.	K5000957					+ MCC1	
			Appr.		Basic project with identification	on structure in accordance with	IEC standard: Page structure with	function designation and location designation	IEC_bas001	Page 6
Modification	Date	Name	Original		Replacement of	Replaced by				Page 7 / 12

/3.0

/3.0

Conductor / wire

Connection list F27_001

Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	-XD3:2:2	+FIELD-QB1:13	1.5	BU		/3.0	/3.0	Conductor / wire
	-FC1:96	-XD3:2:1	0,75	RD		/3.0	/3.0	Conductor / wire
	-FC1:95	-XD3:1	0,75	RD		/3.0	/3.0	Conductor / wire
	-QA1:13	-XD3:8:2				/3.1	/3.1	Conductor / wire
	-QA1:22	-QA2:A1	0,75	RD		/3.1	/3.1	Conductor / wire
	-QA1:21	-XD3:6:2	0,75	RD		/3.1	/3.1	Conductor / wire
	-SJ2:14	-XD3:6:1	0,75	RD		/3.1	/3.1	Conductor / wire
	-QA2:14	-XD3:6:1	0,75	RD		/3.2	/3.1	Conductor / wire
	-SJ1:13	-SJ2:13	0,75	RD		/3.0	/3.1	Conductor / wire
	-SJ1:13	-SJ3:22	0,75	RD		/3.0	/3.0	Conductor / wire
	-SJ3:22	-XD3:8:1	0,75	RD		/3.0	/3.1	Conductor / wire
	-XD3:8:1	-XD3:9:1	0,75	RD		/3.1	/3.2	Conductor / wire
	-QA2:13	-XD3:9:2				/3.2	/3.2	Conductor / wire
	Q-2					7	75.2	
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			Appr.		Basic project with identification st	ructure in accordance wit	niteC standard: Page	structure with	tunction o	tesignation and location designa	ition	IEC_bas001		Page 8 /
				K5000957									+ MCC1	
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Terminal line-up diagram

		Par	t number		
Mounting rail			Strip label	End angle rear	End plate
		Т	erminal		
Part number	Type number	Cross-section	Terminal label	Jumper	Cover
PXC.3003347	UK 2,5 N	4			
PXC.1201442	E/UK				
PXC.3003347	UK 2,5 N	4			
PXC.3003347	UK 2,5 N	4			
PXC.3003347	UK 2,5 N	4			
PXC.3003347	UK 2,5 N	4			
PXC.3003347	UK 2,5 N	4			
PXC.3003350	UK 2,5 N BU	4			
PXC.3003350	UK 2,5 N BU	4			
PXC.0441119	USLKG 2,5 N	4			
PXC.0441119	USLKG 2,5 N	4			

=+MCC1-XD1

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26.10.2023 EPLAN GmbH & Co. KG Terminal line-up diagram =+MCC1-XD1 + MCC1 K5000957 Basic project with identification structure in accordance with IEC standard: Page structure with function designation and location designation IEC_bas001 Replaced by

1 2 3 4 5 6 7 8 9

Terminal line-up diagram

Mounting rail Strip label	End angle rear Jumper	End plate Cover
Part number Type number Cross-section Terminal label PXC.3003347 UK 2,5 N 4 PXC.1201442 E/UK E/UK PXC.3003347 UK 2,5 N 4 PXC.3003347 UK 2,5 N 4	Jumper	Cover
Part number Type number Cross-section Terminal label PXC.3003347 UK 2,5 N 4 PXC.1201442 E/UK	Jumper	Cover
PXC.3003347 UK 2,5 N 4 PXC.1201442 E/UK	Jumper	Cover
PXC.1201442 E/UK PXC.3003347 UK 2,5 N 4 PXC.3003347 UK 2,5 N 4		-
PXC.3003347 UK 2,5 N 4 PXC.3003347 UK 2,5 N 4		
PXC.3003347 UK 2,5 N 4		
PXC.0441119 USLKG 2,5 N 4		

=+MCC1-XD2

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Terminal line-up diagram

Pat Humber					
Mounting rail			Strip label	End angle rear	End plate
Terminal					
Part number	Type number	Cross-section	Terminal label	Jumper	Cover
PXC.3003347	UK 2,5 N	4			
PXC.1201442	E/UK				
PXC.3003347	UK 2,5 N	4			
PXC.3003347	UK 2,5 N	4			
PXC.3003347	UK 2,5 N	4			
PXC.3003347	UK 2,5 N	4			
PXC.3003347	UK 2,5 N	4			
PXC.3003347	UK 2,5 N	4			
PXC.3003347	UK 2,5 N	4			
PXC.3003347	UK 2,5 N	4			
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Part number

=+MCC1-XD3

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26.10.2023 K5000957 Basic project with identification structure in accordance with IEC standard: Page structure with function designation and location designation Replaced by

EPLAN GmbH & Co. KG

Terminal line-up diagram =+MCC1-XD3

IEC_bas001

+ MCC1

1 2 3 4 5 6 7 8 9

Terminal line-up diagram

Part number							
Mounting rail			Strip label	End angle rear	End plate		
	Terminal						
Part number	Type number	Cross-section	Terminal label	Jumper	Cover		
PXC.3003347	UK 2,5 N	4					
PXC.1201442	E/UK						
PXC.3003347	UK 2,5 N	4					
PXC.0441119	USLKG 2,5 N	4					
PXC.1201442	E/UK						

=+MCC1-XD4

F12_001

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