

24 VAC CONDUCTORS RED

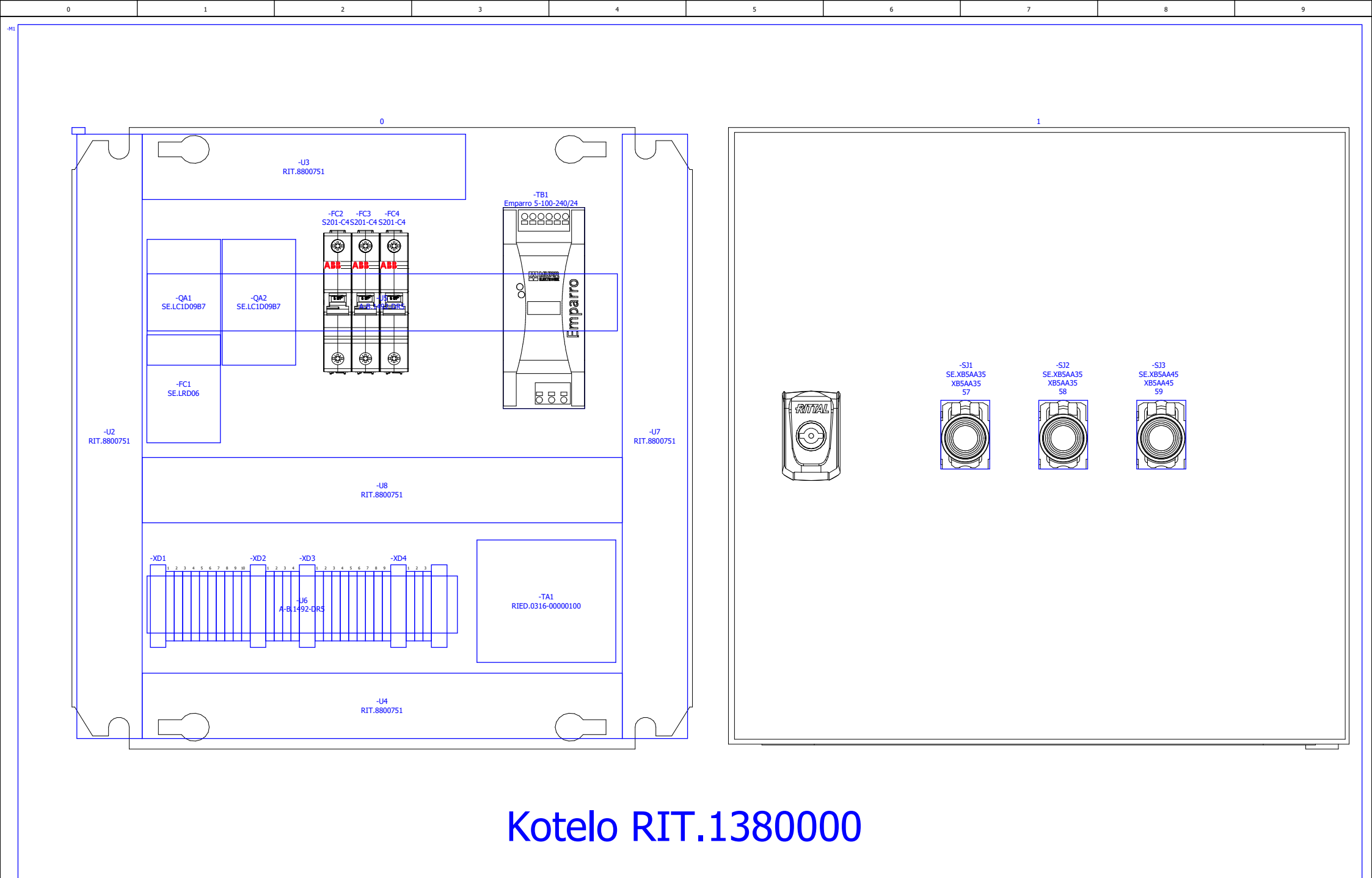
24 VDC CONDUCTORS DARK BLUE

24 VAC syöttö ohjauspiiriin

24 VDC syöttö PLC:lle





























			Date	26.10.2023	EPLAN	EPLAN GmbH & Co. KG	Ohjauspiiri			=
			Ed.	K5000957	Basic project with identification structure in accordance with IEC standard: Page structure with function designation and location designation					+ MCC1
			Appr.							
Modification	Date	Name	Original	Replacement of	Replaced by					
								IEC_bas001		Page 3 / 12



Device tag list

F03_DT_KURS

Device tag	Quantity	Designation	Type number	Manufacturer	Part number	
-FC1	1	TeSys LRD,Deca thermal overload relays - 1...1.6 A - class 10A	LRD06	SE	SE.LRD06	
-FC2	1	Miniature Circuit Breaker - S200 - 1P - C - 4 A	S201-C4	ABB	ABB.2CDS251001R0044	
-FC3	1	Miniature Circuit Breaker - S200 - 1P - C - 4 A	S201-C4	ABB	ABB.2CDS251001R0044	
-FC4	1	Miniature Circuit Breaker - S200 - 1P - C - 4 A	S201-C4	ABB	ABB.2CDS251001R0044	
-M1						
-QA1	1	TeSys Deca contactor - 3P(3 NO) - AC-3 - <lt/>= 440 V 12 A - 24 V AC coil	LC1D09B7	SE	SE.LC1D09B7	
-QA2	1	TeSys Deca contactor - 3P(3 NO) - AC-3 - <lt/>= 440 V 12 A - 24 V AC coil	LC1D09B7	SE	SE.LC1D09B7	
-SJ1	1	green flush complete pushbutton Ø22Spring return 1NO+1NC 600VAC	XB5AA35	SE	SE.XB5AA35	
-SJ2	1	green flush complete pushbutton Ø22Spring return 1NO+1NC 600VAC	XB5AA35	SE	SE.XB5AA35	
-SJ3	1	red flush complete pushbutton Ø22Spring return 1NO+1NC 600VAC	XB5AA45	SE	SE.XB5AA45	
-TA1	1	Isolating Transformer	RSTN 100	RIED	RIED.0316-00000100	
-TB1	1	Emparro 5-100-240/24	Emparro 5-100-240/24	MURR	MURR.85440	
-U1	1	Compact enclosure AX	AX.1380000	RIT	RIT.1380000	
-U2	1	Cable duct	TS.8800751	RIT	RIT.8800751	
-U3	1	Cable duct	TS.8800751	RIT	RIT.8800751	
-U4	1	Cable duct	TS.8800751	RIT	RIT.8800751	
-U5	1	DIN Mounting Rail	1492	A-B	A-B.1492-DR5	
-U6	1	DIN Mounting Rail	1492	A-B	A-B.1492-DR5	
-U7	1	Cable duct	TS.8800751	RIT	RIT.8800751	
-U8	1	Cable duct	TS.8800751	RIT	RIT.8800751	
-UC1						
-UC2	1	Compact enclosure AX	AX.1380000	RIT	RIT.1380000	
-XD1	1	End bracket for terminal block	E/UK	PXC	PXC.1201442	
	1	Feed-through terminal block	UK 2,5 N	PXC	PXC.3003347	
-XD2	1	End bracket for terminal block	E/UK	PXC	PXC.1201442	
	1	Feed-through terminal block	UK 2,5 N	PXC	PXC.3003347	
-XD3	1	End bracket for terminal block	E/UK	PXC	PXC.1201442	
	1	Feed-through terminal block	UK 2,5 N	PXC	PXC.3003347	

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				/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	-QA2:3/L2	1,5	BK		/1.4	/1.5	Conductor / wire
	-XD1:3:1	-XD1:4:2				/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	-TA1:24V'	0,75	RD		/2.2	/2.2	Conductor / wire
	-TA1:PE	-XD1:10:2	1,5	GNYE		/2.2	/1.5	Conductor / wire
	-TB1:PE	-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
	-XD3:3:1	+FIELD-QB1:14	1.5	BN		/3.0	/3.0	Conductor / wire

=+MCC1-XD1		
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9	9	

