

NO.	TAG NO.	INSTRUMENT/PARTS NAME	SPEC/SERVICE	MANUFACTURER	MODEL/CODE	QTY.	REMARKS
1	MCB10, MCB20	MINIATURE CIRCUIT BREAKER	2P/400VAC/600DC/10kA/16AT-C	SIEMENS	5S14216-7	2	
2	MCB11, MCB12	MINIATURE CIRCUIT BREAKER	2P/400VAC/600DC/10kA/10AT-C	SIEMENS	5S14210-7	2	
3	MCB13...15	MINIATURE CIRCUIT BREAKER	2P/400VAC/600DC/10kA/2AT-C	SIEMENS	5S14202-7	3	
4	MCB201, MCB202	MINIATURE CIRCUIT BREAKER	1P/230VAC/600DC/10kA/6AT-C	SIEMENS	5S14106-7	2	
5	MCB101...104	MINIATURE CIRCUIT BREAKER	1P/230VAC/600DC/10kA/4AT-C	SIEMENS	5S14104-7	4	
6	MCB105	MINIATURE CIRCUIT BREAKER	1P/230VAC/600DC/10kA/2AT-C	SIEMENS	5S14102-7	1	
7	-	BUSBAR FOR MCB	10mm ² FOR 2P MCB	SIEMENS	5S13735	-	
8	-	BUSBAR FOR MCB	10mm ² FOR 1P MCB	SIEMENS	5S13731	-	
9	PS11	POWER SUPPLY	100-240VAC/24VDC 10A	PHOENIX CONTACT	QUINT PS /AC/24DC/10	1	
10	PS12	POWER SUPPLY	100-240VAC/24VDC 20A	PHOENIX CONTACT	QUINT PS /AC/24DC/20	1	
11	FAN13A	VENTILATION FAN	230VAC/50Hz/19W/87m3/h/20x204mm/RA17035	RITVAL	SK 3325.107	1	
12	FL11A, FL11B	OUTLET FILTER	204x204mm/RA17035	RITVAL	SK 3325.207	2	
13	TS13A	ENCLOSURE INTERNAL THERMOSTAT	230/115/60/48/24VAC - 60/48/24VDC	RITVAL	SK 3110.000	1	
14	FL14A, FL14B	PANEL LIGHT	100-240V/14W/with DOOR SWITCH	RITVAL	SZ 2500.110	2	CABLE: SZ 2500-400
15	SK15	RECEPTACLE	250V/16A/1C Type	PHOENIX CONTACT	EO-GF-UT/LED/GN	1	
16	DPI	DOCUMENT POCKET	226x254x17 (A4)	RITVAL	SZ 2514.000	1	
17	PB1, PB2	EMERGENCY STOP PUSH BUTTON	2NC/220VAC_3A/24VDC_1.5A/MAINTAINED/RED/MSHROOM	SCHNEIDER	XB7NS8442	2	LABEL: A222-3466-1 PROTECTION COVER: A222-EG1
18	X1(L1,N1,L2,N2)	TERMINAL BLOCK	1000V/125A/GRAY/1.5-35.0mm ²	PHOENIX CONTACT	UT 35	4	
19	X1(PE)	TERMINAL BLOCK	1000V/125A/GREEN-YELLOW/1.5-35.0mm ²	PHOENIX CONTACT	UT 35-PE	1	
20	X1(FE,SE)	TERMINAL BLOCK	1000V/125A/GREEN/1.5-35.0mm ²	PHOENIX CONTACT	UT 35 GN	2	
21	X4,X5	TERMINAL BLOCK	500V/24A/GRAY/0.14-4.0mm ² /4 CONNECTION	PHOENIX CONTACT	UT 4-QUINTRO	34	END PLATE: D-UT 2.5/4-QUATRO, BRIDGE: FBS **-6
22	X6,X7	TERMINAL BLOCK	500V/24A/GRAY/0.14-2.5mm ² /4 CONNECTION	PHOENIX CONTACT	UT 2.5-QUATRO	6	END PLATE: D-UT 2.5/4-TWIN, BRIDGE: FBS **-5
23	X6,X7 (PE)	TERMINAL BLOCK	8A(Surge voltage)/GREEN-YELLOW/0.14-2.5mm ²	PHOENIX CONTACT	UT 2.5-PE	5	END PLATE: D-UT 2.5/4-TWIN, BRIDGE: FBS **-5
24	X11..14, X21, X24, X31	TERMINAL BLOCK	400V/20A/GRAY/0.14-2.5mm ² /W/NE DISCONNECT	PHOENIX CONTACT	MIX-P/P / 3104013	228	END PLATE: D-UT 2.5/4-TWIN, BRIDGE: FBS **-5
25	X11..14, X21, X24, X31, X32, X33 (FE)	TERMINAL BLOCK	1000V/24A/GREEN/0.14-0.25mm ²	PHOENIX CONTACT	UT 2.5 GN	152	END PLATE: D-UT 2.5/10, BRIDGE: FBS **-5
26	X22, X23 (L+)	TERMINAL BLOCK	24VDC/6.3A/FUSE(5x20)/LED/BLACK/0.14-4.0mm ²	PHOENIX CONTACT	UT 4-HESI LED24	40	BRIDGE: FBS **-6
27	X22, X23 (M)	TERMINAL BLOCK	1000V/41A/GRAY/0.14-4.0mm ²	PHOENIX CONTACT	UT 4	40	END PLATE: D-UT 2.5/10, BRIDGE: FBS **-6
28	X22, X23 (FE)	TERMINAL BLOCK	1000V/41A/GREEN/0.14-4.0mm ²	PHOENIX CONTACT	UT 4 GN	51	END PLATE: D-UT 2.5/10, BRIDGE: FBS **-6
29	X32, X33	TERMINAL BLOCK	400V/20A/BLUE/0.14-2.5mm ² /W/NE DISCONNECT	PHOENIX CONTACT	UT 2.5-MT BU	76	END PLATE: D-UT 2.5/4-TWIN, BRIDGE: FBS **-5
30	-	END TERMINAL BLOCK	MOUNTING END CLAMP FOR DIN RAIL	PHOENIX CONTACT	CUPTX 35	-	
31	-	DIN RAIL	DIN RAIL NS 35	-	-	-	ESTIMATED LENGTH: 14m
32	-	-	-	-	-	-	-
33	SR1, SR2	SAFETY RELAY	24VDC_DC/8X1/1X2	PHOENIX CONTACT	PSR-SCP-24VDC/ESNM/8X1/1X2	2	
34	R100..123, R208..215, R224..231 R300..305	RELAY	24VDC/Coil/230VAC_3A/24VDC_2A/SPDT	PHOENIX CONTACT	PLC-RSC-240C/21	46	BRIDGE: FBST 500-PLC RD/BU
35	R200..207, R216..223	SSR	24VDC/Coil/3V..33VDC_2A	PHOENIX CONTACT	PLC-OSC-240C/240C/2	16	BRIDGE: FBST 500-PLC RD/BU

0	1/4/1/1/1/1	Final Issue	BY	-	-
1	1/4/1/1/1/1	Revised	BY	-	-
2	1/4/1/1/1/1	Revised	BY	-	-
3	1/4/1/1/1/1	Revised	BY	-	-
4	1/4/1/1/1/1	Revised	BY	-	-
5	1/4/1/1/1/1	Revised	BY	-	-
6	1/4/1/1/1/1	Revised	BY	-	-
7	1/4/1/1/1/1	Revised	BY	-	-
8	1/4/1/1/1/1	Revised	BY	-	-
9	1/4/1/1/1/1	Revised	BY	-	-
10	1/4/1/1/1/1	Revised	BY	-	-

CLIENT: CONSULTING ENGINEER:

VENDOR:

PROJECT: **PR200**

DRAWING TITLE: **PLC Wiring and Layout Drawing**

DRAWING NO.	REV./SIZE	SCALE	SHEET
EDCF-HE-10-M-00-008	RD	AS	14

M. Osta

HSE group

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