


REV	CR NO	DESCRIPTION	AUTHOR
001	N/A	CREATED	Matheus Hagemann


BOM					
Item Number	Part Name	Sales part no.	Description	Qty	Manufacturer
1	CSEM 16	CSEM 16	Male insert, CSE series, spring terminal connection, 16 poles + PE, 16 A 500 V 6 kV 3, size "77.27"	1 pc.	ilme
2	CHO 16 L	CHO 16 L	Hood, C-TYPE series, with 2 pags, Pg21 side cable entry, size "77.27"	1 pc.	ilme
3	CSEF 16	CSEF 16	Female insert, CSE series, spring terminal connection, 16 poles + PE, 16 A 500 V 6 kV 3, size "77.27"	1 pc.	ilme
4	CHV 16 LG	CHV 16 LG	Hood, C-TYPE series, with 1 lever, Pg21 top cable entry, size "77.27"	1 pc.	ilme
5	44AM1121-22-0/9-9	44AM1121-22-0/9-9	CABLE 2CON 22AWG WHT SHLD FEET	20 m	TE Connectivity
6	1119245	1119245	ÖLFLEX® CLASSIC 110 4G1 BK	10 m	Lapp
7	KRT 70-12	KRT 70-12	Cable lug KRT 70/12 70mm² M12	4 pc.	Ullapp GmbH
	KRT 35/12	KRT 35/12	Tubular cable lug 35mm² M12	2 pc.	Ullapp GmbH
8	H07V-K 1X35 GNYE	4521002	Single core; 1X35; green/yellow	10 m	Lapp
9	H07V-K 1X70 BK	4521014	Single core; 1X70; black	20 m	Lapp
10	90495	90495	Corrugated tubes conduit gland HSSV-SP PG 21 NW 21 / 23 black	2 pc	Helukabel
11	920166	920166	PA Corrugated tubes PA12-B 21 black	10 m	Helukabel
12	4160300	4160300	Lapp Green/Yellow 1 mm² Hook Up Wire, 17 AWG, 100m, PVC Insulation	10 m	Lapp

Tolerances:
 Between connectors: +15mm
 0mm
 Other dimensions: ±10mm

Notes:

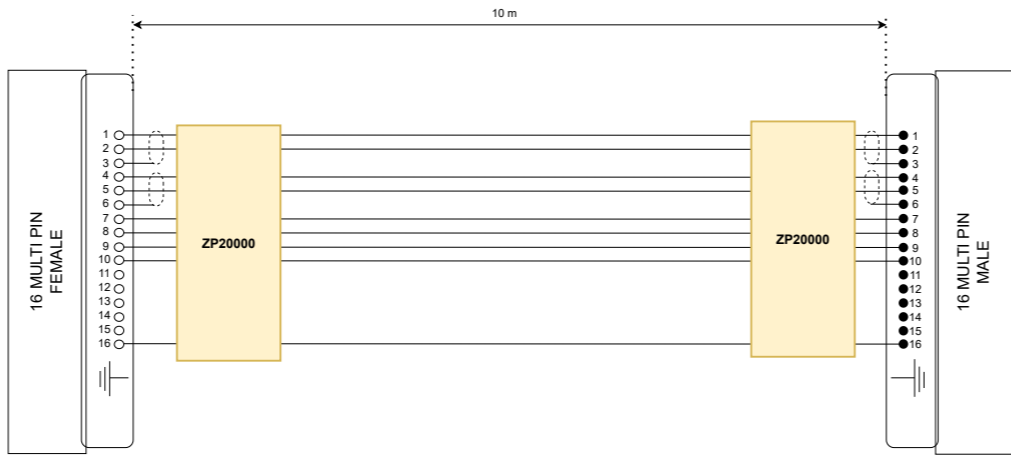
Legend:

Label  Label Name

Shield 

Harness Notes:
 Lengths of the Harness: 10m

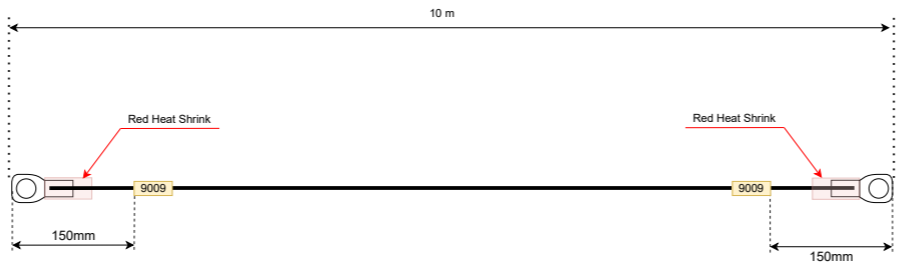
PIN No	wire Number	Signal Type	Signal & wire Name	wire Type
1	Red	Current sensor supply +	CSS+	Cable 2x 22AWG + shield
2	Black	Current sensor supply -	CSS-	Cable 2x 22AWG + shield
3	Braid Shield	Current sensor supply shield	CSS_SH	Cable 2x 22AWG + shield
4	Black	Current sensor output -	CSO-	Cable 2x 22AWG + shield
5	Red	Current sensor output +	CSO+	Cable 2x 22AWG + shield
6	Braid Shield	Current sensor output shield	CSO_SH	Cable 2x 22AWG + shield
7	1	SC contactor Auxiliary contact	SC_AUX_1	Cable 4x 1mm
8	2	SC contactor Auxiliary contact	SC_AUX_2	Cable 4x 1mm
9	3	SC contactor Coil A1 terminal	SC_A1	Cable 4x 1mm
10	4	SC contactor Coil A2 terminal	SC_A2	Cable 4x 1mm
11			SPARE	
12			SPARE	
13			SPARE	
14			SPARE	
15			SPARE	
16	PE	PE ground for current sensor	PE	Single wire 1mm
Sh	Shield	N/C	N/C	N/C



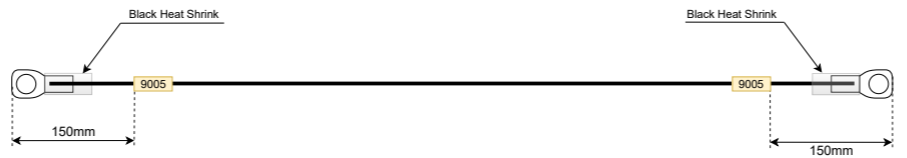
PIN No	wire Number	Signal Type	Signal & wire Name	wire Type
1	Red	Current sensor supply +	CSS+	Cable 2x 22AWG + shield
2	Black	Current sensor supply -	CSS-	Cable 2x 22AWG + shield
3	Braid Shield	Current sensor supply shield	CSS_SH	Cable 2x 22AWG + shield
4	Black	Current sensor output -	CSO-	Cable 2x 22AWG + shield
5	Red	Current sensor output +	CSO+	Cable 2x 22AWG + shield
6	Braid Shield	Current sensor output shield	CSO_SH	Cable 2x 22AWG + shield
7	1	SC contactor Auxiliary contact	SC_AUX_1	Cable 4x 1mm
8	2	SC contactor Auxiliary contact	SC_AUX_2	Cable 4x 1mm
9	3	SC contactor Coil A1 terminal	SC_A1	Cable 4x 1mm
10	4	SC contactor Coil A2 terminal	SC_A2	Cable 4x 1mm
11			SPARE	
12			SPARE	
13			SPARE	
14			SPARE	
15			SPARE	
16	PE	PE ground for current sensor	PE	Single wire 1mm
Sh	Shield	N/C	N/C	N/C



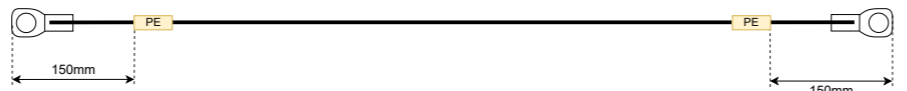
PIN No	wire Color	Signal Type	Signal & wire Name	wire Type
1	Black	DC+	DC Power +	Single wire 70mm²



PIN No	wire Color	Signal Type	Signal & wire Name	wire Type
1	Black	DC-	DC Power -	Single wire 70mm²



PIN No	wire Color	Signal Type	Signal & wire Name	wire Type
1	Green/yellow	PE	PE	Single wire 35mm²



DRAWN:	Matheus Hagemann	DATE:	03.10.2024
CHECKED:		DATE:	
APPROVED:	On TeamCenter workflow	DATE:	
MATERIAL:		THEOR. EXACT DIMENSIONS ACC. TO CAD:	
N/A			
STATUS:		PART MARKING ACC. TO:	
PART NAME:		STRUCTURE CATEGORY:	
Extension Cable For Failure Injection Trolley		N/A	
PART NUMBER - REVISION:		VARIANT:	SHEET:
		N/A	A3
		SIZE:	SCALE:
			N/A
		PROJECT ANGLE:	

