



	Gachsaran Polymer Industries Company HDPE Plant	
	Instrument Cable List for Refrigerator Package	 
PO No.: GPIC-PT-MA-PO-000-3029	Document Number: VD-GPIC-MA-3029-3029-0052	Rev. 01 Page 1 of 7

Instrument Cable List for Refrigerator Package

Code1	<input type="checkbox"/> No Comment/ Approved (Applicable Only for "FOR REVIEW" and "For Approval" Documents) No comment and the document are released for Manufacturing.
Code2	<input type="checkbox"/> No Comment/ Approved with Note(s) Vendor/Sub-Contractor shall correct, revise and resubmit the document. The document is released for Manufacturing if changes incorporated.
Code3	<input checked="" type="checkbox"/> Commented Vendor/Sub-Contractor shall correct, revise and resubmit the document by the date specified. The document shall be revised under the Status of "R: Revised Issue". All corrected documents shall be resubmitted before starting the Manufacturing Process.
Code 4	<input type="checkbox"/> Not Accepted (Rejected) Vendor/Sub-Contractor shall re-work / re-design / re-specify the contents of the document according to the comments / reasons for rejection. All corrected documents shall be resubmitted before starting the manufacturing. Vendor/Sub-Contractor shall not proceed with subsequent works of Material Supply or Manufacturing until receiving Code1/Code2 or No Code from PURCHASER. Vendor/Sub-Contractor shall resubmit the document with the same revision within 6 working days after receiving comments.
No code	<input type="checkbox"/> No Code (Applicable Only for "For Information" Documents and "As Built DWGs") Document has been submitted for PURCHASER's Information (FI). Consistency, completeness and correctness of document content is in Vendor/Sub-Contractor's responsibility.
Above checking results by EIED shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the mutual agreement in writing.	
	Date: April. 08, 2026 Dept.: MA Signature: F.Hamooni

01	22-Feb-26	IFR	R.G	F.T	A.M
00	20-Jan-26	IFR	R.G	F.T	A.M
Rev.	DATE	PURPOSE OF ISSUE	PREPARED	CHECKED	APPROVED



Gachsaran Polymer Industries Company
HDPE Plant
Instrument Cable List for Refrigerator Package



Add: "+20% spare"

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COMPRESSOR C-6101A/B													
No.	Service	Tag No.	Content of signal	SIGNAL Type	IS/NIS	Cable type	Cable size	Gland size	Cable Tag.	From	To	Length (Meter)	Remarks
1	Compressor A Suction pressure transmitter	PT-61111	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	PT-61111	PT-61111	JB-UIA-611	10	
2	Common Discharge pressure transmitter	PT-61131	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	PT-61131	PT-61131	JB-UIA-611	10	
3	Oil Supply- Compressor A pressure transmitter	PT-61113	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	PT-61113	PT-61113	JB-UIA-611	10	
4	Upstream oil filter pressure transmitter	PT-61133	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	PT-61133	PT-61133	JB-UIA-611	10	
5	Coalescer Element Outlet pressure transmitter	PT-61132	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	PT-61132	PT-61132	JB-UIA-611	10	
6	Downstream oil filter pressure transmitter	PT-61134	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	PT-61134	PT-61134	JB-UIA-611	10	
7	Compressor A Suction temperature transmitter	TT-61111	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	TT-61111	TT-61111	JB-UIA-611	10	
8	Oil Separator temperature transmitter	TT-61131	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	TT-61131	TT-61131	JB-UIA-611	10	
9	Oil header compressor temperature transmitter	TT-61132	FRT-19Px1mm ² SCR/OSCR/SWA/IS/BLUE (300/500)	Analogue	IS	Type 1	01Px1.5mm ²	M20	IC-UIA-611	TT-61132	JB-UIA-611	10	
10	Oil Separator level transmitter	LT-61131		Analogue	IS	Type 1	01Px1.5mm ²	M20	LT-61131	LT-61131	JB-UIA-611	10	
11	Compressor A slide valve position transmitter	ZE-61111		Analogue	IS	Type 1	01Px1.5mm ²	M20	ZE-61111	ZE-61111	JB-UIA-611	10	
12	Multi cable for JB-UIA-611 -#1				IS	By Client	19x2x1 mm ²	By Client	JB-UIA-611-1-UCP	JB-UIA-611	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
13	Compressor B Suction pressure transmitter	PT-61121	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	PT-61121	PT-61121	JB-UIA-621	10	
14	Oil Supply- Compressor B pressure transmitter	PT-61123	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	PT-61123	PT-61123	JB-UIA-621	10	
15	Compressor B Suction temperature transmitter	TT-61121	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	TT-61121	TT-61121	JB-UIA-621	10	
16	Compressor B slide valve position transmitter	ZE-61121	FRT-07Px1mm ² SCR/OSCR/SWA/IS/BLUE (300/500)	Analogue	IS	Type 1	01Px1.5mm ²	M20	IC-UIA-621	ZE-61121	JB-UIA-621	10	
17	Multi cable for JB-UIA-621 -#1				IS	By Client	7x2x1 mm ²	By Client	JB-UIA-621-1-UCP	JB-UIA-621	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
18	ECONOMIZER TUBESIDE TEMPERATURE	TT-61141	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	TT-61141	TT-61141	JB-UIA-641	10	
19	ECONOMIZER TUBESIDE PRESSURE	PT-61141	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	PT-61141	PT-61141	JB-UIA-641	10	
20	Chiller level transmitter	LT-61151	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	LT-61151	LT-61151	JB-UIA-641	10	
21	Chiller level control valve	LV-61151	FRT-07Px1mm ² SCR/OSCR/SWA/IS/BLUE (300/500)	Analogue	IS	Type 1	01Px1.5mm ²	M20	IC-UIA-641	LV-61151	JB-UIA-641	10	
22	Hot Gas Bypass control valve	PV-61151	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	PV-61151	PV-61151	JB-UIA-641	10	
23	ECONOMIZER TEMPERATURE	TV-61141	4 to 20mA / 2-wire	Analogue	IS	Type 1	01Px1.5mm ²	M20	TV-61141	TV-61141	JB-UIA-641	10	
24	Multi cable for JB-UIA-641				IS	By Client	7x2x1 mm ²	By Client	JB-UIA-641-1-UCP	JB-UIA-641	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
25	COMPRESSOR -A- SLIDE VALVE 100%	ZSH-61111	24Vdc / **V	Digital	IS	Type 3	02Px1.5mm ² /Pr-1	M20	IC-ZS-61111	ZSH-61111	JB-UIA-611	10	Pair 1
26	COMPRESSOR -A- SLIDE VALVE 0%	ZSL-61111	24Vdc / **V	Digital	IS	Type 3	02Px1.5mm ² /Pr-2	M20	ZSL-61111	ZSL-61111	JB-UIA-611	10	Pair 2
27	Multi cable for JB-UIA-611 -#2		24Vdc / **V	Digital	IS	By Client	2x2x1.5 mm ²	By Client	A-SLIDEVALVE-UCP	A-Slide valve Potentiometer switch	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
28	COMPRESSOR -B- SLIDE VALVE 100%	ZSH-61121	24Vdc / **V	Digital	IS	Type 3	02Px1.5mm ² /Pr-1	M20	IC-ZS-61121	ZSH-61121	JB-UIA-621	10	Pair 1
29	COMPRESSOR -B- SLIDE VALVE 0%	ZSL-61121	24Vdc / **V	Digital	IS	Type 3	02Px1.5mm ² /Pr-2	M20	ZSL-61121	ZSL-61121	JB-UIA-621	10	Pair 2
30	Multi cable for JB-UIA-621 -#2		24Vdc / **V	Digital	IS	By Client	2x2x1.5 mm ²	By Client	B-SLIDEVALVE-UCP	B-Slide valve Potentiometer switch	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
31	COMPRESSOR -A- SLIDE VALVE UNLOAD SOV	XY-61111	24Vdc / **W	Digital	NIS	Type 2	01Px2.5mm ²	M20	XY-61111	XY-61111	JB-UEV-612	10	
32	COMPRESSOR -A- SLIDE VALVE LOAD SOV	XY-61112	24Vdc / **W	Digital	NIS	Type 2	01Px2.5mm ²	M20	XY-61112	XY-61112	JB-UEV-612	10	
33	Multi cable for JB-UEV-612		24Vdc / **W	Digital	NIS	By Client	4x2x2.5 mm ²	By Client	JB-UEV-612-1-UCP	JB-UEV-612	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
34	COMPRESSOR -B- SLIDE VALVE UNLOAD SOV	XY-61121	24Vdc / **W	Digital	NIS	Type 2	01Px2.5mm ²	M20	XY-61121	XY-61121	JB-UEV-622	10	
35	COMPRESSOR -B- SLIDE VALVE LOAD SOV	XY-61122	24Vdc / **W	Digital	NIS	Type 2	01Px2.5mm ²	M20	XY-61122	XY-61122	JB-UEV-622	10	
36	Multi cable for JB-UEV-622		24Vdc / **W	Digital	NIS	By Client	4x2x2.5 mm ²	By Client	JB-UEV-622-1-UCP	JB-UEV-622	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
37	OIL RECOVERY VALVE SOV - COMPRESSOR DISCHARGE	XY-61151	24Vdc / **W	Digital	NIS	Type 2	01Px2.5mm ²	M20	XY-61151	XY-61151	JB-UEV-652	10	
38	OIL RECOVERY VALVE SOV - CHILLER RECOVERY	XY-61152	24Vdc / **W	Digital	NIS	Type 2	01Px2.5mm ²	M20	XY-61152	XY-61152	JB-UEV-652	10	



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COMPRESSOR C-6101

No.	Service	Tag No.	Content of signal	SIGNAL Type	IS/NIS	Cable type	Cable size	Gland size	Cable Tag.	From	To	Length (Meter)	Remarks
39	Multi cable for JB-UEV-652		24Vdc / **W FRT-04Px2.5mm ² SWA/ NIS/GRAY (300/500)	Digital	NIS	By Client	4x2x2.5 mm ²	By Client	JB-UEV-652-1-UCP	JB-UEV-652	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
40	Oil heater temp. control switch High/High High	-EH6101/TSHH-EHG	24Vdc / **D	Digital	NIS	By Client	1x2x1.5mm ²	M20	TS-EH6101	TS-EH6101	MCC	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
41	COMPRESSOR -A- MOTOR CURRENT	IT-61111	4 to 20mA / 2-wire FRT-01Px1.5mm ² OSCR/ SWA/NIS/GRAY (300/500)	Analogue	NIS	By Client	4Tx1.5mm ² /Pr. 2	M20	IT-UCP6101	MCC	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
42	COMPRESSOR -B- MOTOR CURRENT	IT-61121	4 to 20mA / 2-wire	Analogue	NIS	By Client	2Px1.5mm ² /Pr. 2	M20	IT-UCP6101	MCC	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
43	COMPRESSOR MOTOR -B- BEARING TEMP DE	TE-61127	RTD / 3 wire	Pt100	IS	By Client	4Tx1.5mm ² /Tr. 1	M20	RTDBOX-B-UCP	Motor JB-B	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
44	COMPRESSOR MOTOR -A- BEARING TEMP DE	TE-61128	RTD / 3 wire	Pt100	IS	By Client	4Tx1.5mm ² /Pr. 2	M20	RTDBOX-B-UCP	Motor JB-B	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
45	COMPRESSOR MOTOR -A- BEARING TEMP DE	TE-61117	RTD / 3 wire	Pt100	IS	By Client	4Tx1.5mm ² /Pr. 2	M20	RTDBOX-A-UCP	Motor JB-A	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
46	COMPRESSOR MOTOR -B- BEARING TEMP DE	TE-61118	RTD / 3 wire	Pt100	IS	By Client	4Tx1.5mm ² /Pr. 2	M20	RTDBOX-A-UCP	Motor JB-A	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
47	CHILLER TUBE SHEET TEMPERATURE	TIC-61101	FRT-01Px1.5mm ² OSCR/ IS/BLUE (300/500)	Analogue	NIS	By Client	1Px1.5mm ²	M20	TIC-61101	MCC	UCP-6101	50	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
48	Motor Winding TEMPERATURE	TI-61119	4 to 20mA / 2-wire	Analogue	NIS	By Client	2Px1.5mm ² /Pr. 1	M20	CM-6101-RTD	MCC	DCS	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
49	Motor Winding TEMPERATURE	TI-61129	4 to 20mA / 2-wire	Analogue	NIS	By Client	2Px1.5mm ² /Pr. 2	M20	CM-6101-RTD	MCC	DCS	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
50	Plant Emergency Stop	ESD-6101	FRT-01Px1.5mm ² OSCR/ NIS/GRAY (300/500)	Analogue	NIS	By Client	1Px1.5mm ²	M20	ESD-61010	ESD	UCP-6101	50	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
51	CUMULATIVE ALARM	XA-6101	4Px2.5mm ² /Pr. 1	Digital	NIS	By Client	4Px2.5mm ² /Pr. 1	M20	UCP-DCS	UCP-6101	DCS	50	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
52	CUMULATIVE TRIP	XA-6102	4Px2.5mm ² /Pr. 2	Digital	NIS	By Client	4Px2.5mm ² /Pr. 2	M20	UCP-DCS	UCP-6101	DCS	50	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
53	Time Synchronization Signal	TS-6101	24Vdc / **D	Digital	NIS	By Client	4Px2.5mm ² /Pr. 3	M20	UCP-DCS	DCS	UCP-6101	50	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
54	LCP-A- Switches		24Vdc / **D FRT-19Px1mm ² OSCR/SWA/NIS/ GRAY (300/500)	Digital	NIS	By Client	19Px1 mm ²	By Client	LCP-6101A-1-UCP	LCP-6101A	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
55	LCP -A- Lamps		24Vdc / **D FRT-07Px2.5mm ² SWA/ NIS/GRAY(300/500)	Digital	NIS	By Client	7Px2.5 mm ²	By Client	LCP-6101A-2-UCP	LCP-6101A	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
56	LCP-B- Switches		24Vdc / **D FRT-07Px1mm ² SWA/ NIS/GRAY(300/500)	Digital	NIS	By Client	7Px1 mm ²	By Client	LCP-6101B-1-UCP	LCP-6101B	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
57	LCP -B- Lamps		24Vdc / **D FRT-04Px2.5mm ² SWA/ NIS/GRAY(300/500)	Digital	NIS	By Client	4Px2.5 mm ²	By Client	LCP-6101B-2-UCP	LCP-6101B	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
58	UCP to MCC (UCP Digital Output Command signals for main motor A, main motor B, oil pump, Elec. Heater :STT,STP, ETC)		24Vdc / **D	Digital	NIS	By Client	12x2x2.5 mm ²	By Client	Hold	UCP-6101	MCC	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
59	MCC to UCP (UCP Digital Input Status signals for main motor A, main motor B, oil pump, Elec. Heater : Running,Fault, ETC)		24Vdc / **D	Digital	NIS	By Client	12x2x2.5 mm ²	By Client	Hold	MCC	UCP-6101	400	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
60	Communication with DCS			Modbus TCP/IP		By Client			Hold	MCC	DCS	50	Redundant
61	Communication with DCS			Modbus TCP/IP		By Client			Hold	MCC	DCS	50	Redundant
62	UPS Power_110 Vac -#1			Power cable		CU/XLPE/PVC (600/1000) Black	02Cx6mm ²		UPS-6101-1	UCP	UCP	400 m	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
63	UPS Power_110 Vac -#2			Power cable		CU/XLPE/PVC (600/1000) Black	02Cx6mm ²		UPS-6101-2	UCP	UCP	400 m	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer
64	Non-UPS Power			Power cable		CU/XLPE/PVC (600/1000) Black	02Cx4mm ²		NUPS-6101-1	UCP	UCP	400 m	1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer

Reply sheet shall be submitted by Vendor for the comments which are not implemented in the next revision.

Native file (Excel) shall be submitted with PDF file in all the next revisions.

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It seems that RTD signals from MCC to DCS are not required and shall be deleted.

delete this line

delete this line

350

1-Cable will be supplied By Customer
2-Cable size shall be checked and confirmed by Customer

1-Cable will be supplied By Customer
2-Cable size shall be checked and confirmed by Customer

DCS-UCP-6101-1

DCS-UCP-6101-2

PDP-UCP-6101-1

PDP-UCP-6101-2

PDP-UCP-6101-3

IC-UEV-652

M32

M32

M32

1Px1.5mm²

M32

M32

M25

M32

M32

350

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IC-UEV-652

UCP-LCP-6101A-1






UCP-LCP-6101A-2





UCP-LCP-6101B-1



UCP-LCP-6101B-2

UCP-LCP-6101B-2

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1	Item	1				Rev.
2	DUTY	2 Wire Transmitter,				
3	INSTALLATION LOCATION	OUTDOOR				
4	INSTALLATION METHOD	-				
5	AMBIENT TEMP MIN / MAX	-20 °C / 48 °C				
6	CABLE TECHNICAL DATA					
7	MAKE	Moghan Cable				
8	TYPE	As per EN50288-7				
9	CONDUCTORS	Tinned Stranded Copper - IEC 60228 class 2				
10	INSULATION	XLPE				
11	CORE / PAIR / TRIAD	Twisted Pair				
12	IDENTIFICATION	Black - white				
13	SCREENING	Collective Aluminium/Polyester tape + tinned copper drain wire				
14	BEDDING	LSHF				
15	ARMOUR	Galvanised Steel Wire Armour (SWA)				
16	OUTER JACKET	LSHF				
17	OUTER SHEATH COLOUR	Blue				
18	CROSS SECTION	1.5 mm ²				
19	NUMBER OF CORES / PARE / TRIADS	1 Pair				
20	MAX. OPERATING VOLTAGE	300 / 500 Volt				
21	MIN. OPERATING TEMPERATURE	-20 °C				
22	MAX. OPERATING TEMPERATURE	+60 °C				
23	CONDUCTOR MAXIMUM TEMPERATURE	+90 °C				
24						
25	INNER SHEATH DIAMETER	7.7 mm				
26	OUTER SHEATH DIAMETER	12.5 mm				
27						
28	FLAME RETARDANT	IEC60332-1-2 / IEC 60332-3-24 (cat.C)				
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1	Item	2			Rev.
2	DUTY	SOLENOID VALVE			
3	INSTALLATION LOCATION	OUTDOOR			
4	INSTALLATION METHOD	-			
5	AMBIENT TEMP MIN / MAX	-20 °C / 48 °C			
6	CABLE TECHNICAL DATA				
7	MAKE	Moghan Cable			
8	TYPE	As per EN50288-7			
9	CONDUCTORS	Tinned Stranded Copper - IEC 60228 class 2			
10	INSULATION	XLPE			
11	CORE / PAIR / TRIAD	Pair			
12	IDENTIFICATION	Black - white			
13	SCREENING	NA			
14	BEDDING	LSHF			
15	ARMOUR	Galvanised Steel Wire Armour (SWA)			
16	OUTER JACKET	LSHF			
17	OUTER SHEATH COLOUR	Gray			
18	CROSS SECTION	2.5 mm ²			
19	NUMBER OF CORES / PARE / TRIADS	1 Pair			
20	MAX. OPERATING VOLTAGE	300 / 500 Volt			
21	MIN. OPERATING TEMPERATURE	-20 °C			
22	MAX. OPERATING TEMPERATURE	+60 °C			
23	CONDUCTOR MAXIMUM TEMPERATURE	+90 °C			
24					
25	INNER SHEATH DIAMETER	8.9 mm			
26	OUTER SHEATH DIAMETER	13.7 mm			
27					
28	FLAME RETARDANT	IEC60332-1-2 / IEC 60332-3-24 (cat.C)			
29					
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31					
32					
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34					
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Item	Rev.					
1	Item	3				
2	DUTY	Switches				
3	INSTALLATION LOCATION	OUTDOOR				
4	INSTALLATION METHOD	-				
5	AMBIENT TEMP MIN / MAX	-20 °C / 48 °C				
6	CABLE TECHNICAL DATA					
7	MAKE	LATER				
8	TYPE	As per EN50288-7				
9	CONDUCTORS	Stranded Copper - IEC 60228 class 2				
10	INSULATION	XLPE				
11	CORE / PAIR / TRIAD	Twisted Pair				
12	IDENTIFICATION	Black - white				
13	SCREENING	Collective Aluminium/Maylar tape + tinned copper drain wire				
14	BEDDING	PVC				
15	ARMOUR	Galvanised Steel Wire Armour (SWA)				
16	OUTER JACKET	PVC				
17	OUTER SHEATH COLOUR	Blue				
18	CROSS SECTION	1.5 mm ²				
19	NUMBER OF CORES / PARE / TRIADS	2 Pair				
20	MAX. OPERATING VOLTAGE	300 / 500 Volt				
21	MIN. OPERATING TEMPERATURE	-20 °C				
22	MAX. OPERATING TEMPERATURE	+60 °C				
23	CONDUCTOR MAXIMUM TEMPERATURE	+90 °C				
24						
25	INNER SHEATH DIAMETER	Later				
26	OUTER SHEATH DIAMETER	Later				
27						
28	FLAME RETARDANT	IEC60332-1-2 / IEC 60332-3-24 (cat.C)				
29						
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32						
33						
34						
35						