

Distribution Board Report



Project Reference:

Job Number:

Created By:

Rev Date:

Document No:

LV Distribution

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Revised By:

Revision:

Board Data

Id No: Mech DB A

Name: Mech DB A

Way	Phase	Id No Name	Connected Load (A)	Pf	3rd Harmonic	Protective Device (A)			RCD	AFDD	Cable Type		Size	Cores	Sep. CPC	Length
						In	Ir	Type								
1	L1,L2,L3	Cbl_FC-1-CRACU no.1	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore insulated	90°C thermosetting armoured LSF Cu 4	16	1 x 1 x 4c	N/A	17.00
2	L1,L2,L3	Cbl_FC-5-CRACU no.3	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore insulated	90°C thermosetting armoured LSF Cu 4	16	1 x 1 x 4c	N/A	19.00
3	L1,L2,L3	Cbl_FC-6-CRACU no.5	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore insulated	90°C thermosetting armoured LSF Cu 4	16	1 x 1 x 4c	N/A	21.00
4	L1,L2,L3	Cbl_FC-13-CRACU no.6	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore insulated	90°C thermosetting armoured LSF Cu 4	16	1 x 1 x 4c	N/A	26.00
5	L1,L2,L3	Cbl_FC-14-CRACU no.8	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore insulated	90°C thermosetting armoured LSF Cu 4	16	1 x 1 x 4c	N/A	28.00
6	L1,L2,L3	Cbl_FC-21-CRACU no.10	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore insulated	90°C thermosetting armoured LSF Cu 4	16	1 x 1 x 4c	N/A	28.00

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Id No: Mech DB B

Name: Mech DB B

Way	Phase	Id No Name	Connected Load (A)	Pf	3rd Harmonic	Protective Device (A)			RCD	AFDD	Cable Type		Size	Cores	Sep. CPC	Length
						In	Ir	Type								
1	L1,L2,L3	Cbl_FC-7-DH01 CRACU no.1	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore insulated	90°C thermosetting armoured LSF Cu 4	16	1 x 1 x 4c	N/A	17.00
2	L1,L2,L3	Cbl_FC-8-DH01 CRACU no.3	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore insulated	90°C thermosetting armoured LSF Cu 4	16	1 x 1 x 4c	N/A	19.00
3	L1,L2,L3	Cbl_FC-10-DH01 CRACU no.5	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore insulated	90°C thermosetting armoured LSF Cu 4	16	1 x 1 x 4c	N/A	21.00
4	L1,L2,L3	Cbl_FC-11-DH02 CRACU no.6	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore insulated	90°C thermosetting armoured LSF Cu 4	16	1 x 1 x 4c	N/A	26.00
5	L1,L2,L3	Cbl_FC-12-DH02 CRACU no.8	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore insulated	90°C thermosetting armoured LSF Cu 4	16	1 x 1 x 4c	N/A	28.00
6	L1,L2,L3	Cbl_FC-35-DH02 CRACU no.10	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore insulated	90°C thermosetting armoured LSF Cu 4	16	1 x 1 x 4c	N/A	28.00

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						In	Ir	Type								
1	L1,L2,L3	Cbl_FC-9-CRACU no.2	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	25	1 x 1 x 4c	N/A	45.00	
2	L1,L2,L3	Cbl_FC-22-CRACU no.4	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	25	1 x 1 x 4c	N/A	45.00	
3	L1,L2,L3	Cbl_FC-31-CRACU no.7	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	25	1 x 1 x 4c	N/A	45.00	
4	L1,L2,L3	Cbl_FC-32-CRACU no.9	74.0	1.00	0.00	80	80	MCCB	N/A	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	25	1 x 1 x 4c	N/A	45.00	
5	L1,L2,L3	Cbl_FC-45-Mech Plant Control Panel	40.0	1.00	0.00	100	N/A	MCCB	N/A	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	25	1 x 4 x 1c	4	20.00	
10	L1,L2,L3	AB10	30.0	1.00	0.00	100	100	MCCB	N/A	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	35	1 x 1 x 4c	N/A	10.00	

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Way	Phase	Id No Name	Connected		3rd Harmonic	Protective Device (A)			RCD	AFDD	Cable Type	Size	Cores	Sep. CPC	Length
			Load (A)	Pf		In	Ir	Type							
1	L1	Cbl_FC-15-Ltg UPS Switchroom	10.0	1.00	0.00	10	N/A	MCB	30	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1	20.00
1	L2	Cbl_FC-16-Ltg Entrance corridor	10.0	1.00	0.00	10	N/A	MCB	30	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1	25.00
1	L3	Cbl_FC-17-Ltg Data Hall 01	10.0	1.00	0.00	10	N/A	MCB	30	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1	38.00
2	L1	Cbl_FC-20-Ltg Data Hall 02	10.0	1.00	0.00	10	N/A	MCB	30	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1	60.00
2	L2	Cbl_FC-23-Ltg Roof Level	2.0	1.00	0.00	10	N/A	MCB	30	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1	60.00
2	L3	Cbl_FC-18-Ltg Data Hall 01	10.0	1.00	0.00	10	N/A	MCB	30	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1	38.00
3	L2	Cbl_FC-24-Ltg External	10.0	1.00	0.00	10	N/A	MCB	30	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1	60.00
3	L3	Cbl_FC-19-Ltg Data Hall 01	10.0	1.00	0.00	10	N/A	MCB	30	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1	38.00
4	L2	Cbl_FC-25-Ltg External	10.0	1.00	0.00	10	N/A	MCB	30	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1	60.00

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			Load (A)	Pf		In	Ir	Type							
4	L3	Cbl_FC-28-Gas Suppression Panel	2.0	1.00	0.00	16	N/A	MCB	N/A	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1.5	25.00
5	L1	Cbl_FC-26-Cleaners Sm Pwr	5.0	1.00	0.00	32	N/A	MCB	30	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	2.5	2 x 1 x 2c	N/A	50.00
5	L2	Cbl_FC-46-Ltg Roof Level	2.0	1.00	0.00	10	N/A	MCB	30	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1	60.00
5	L3	Cbl_FC-29-Fire Detection Panel	2.0	1.00	0.00	16	N/A	MCB	N/A	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1.5	25.00
6	L1	Cbl_FC-27-General Sm Pwr	5.0	1.00	0.00	32	N/A	MCB	30	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	2.5	2 x 1 x 2c	N/A	50.00
6	L2	Cbl_FC-47-General Sm Pwr	2.0	1.00	0.00	32	N/A	MCB	30	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	2.5	2 x 1 x 2c	N/A	50.00
6	L3	Cbl_FC-30-WDP Panel	2.0	1.00	0.00	16	N/A	MCB	N/A	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1.5	25.00

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						In	Ir	Type							
1	L1	Cbl_FC-33-UPS Rm AC1 Cassette	5.0	1.00	0.00	16	N/A	MCB	N/A	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1.5	20.00
1	L2	Cbl_FC-34-UPS Rm AC2 Cassette	5.0	1.00	0.00	16	N/A	MCB	N/A	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1.5	20.00
1	L3	Cbl_FC-36-UPS Rm AC3 Cassette	5.0	1.00	0.00	16	N/A	MCB	N/A	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1.5	20.00
2	L1	Cbl_FC-40-UPS Rm AC1 Roof Condenser	10.0	1.00	0.00	32	N/A	MCB	N/A	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	2.5	1 x 1 x 2c	4	25.00
2	L2	Cbl_FC-41-UPS Rm AC2 Roof Condenser	10.0	1.00	0.00	32	N/A	MCB	N/A	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	2.5	1 x 1 x 2c	4	25.00
2	L3	Cbl_FC-42-UPS Rm AC3 Roof Condenser	10.0	1.00	0.00	32	N/A	MCB	N/A	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	2.5	1 x 1 x 2c	4	25.00
3	L1	Cbl_FC-37-UPS Rm AC4 Cassette	5.0	1.00	0.00	16	N/A	MCB	N/A	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1.5	20.00
3	L2	Cbl_FC-38-UPS Rm AC5 Cassette	5.0	1.00	0.00	16	N/A	MCB	N/A	N/A	Single-core 70°C thermoplastic non-arm Cu 4D1	1.5	1 x 2 x 1c	1.5	20.00

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						In	Ir	Type							
4	L1	Cbl_FC-43-UPS Rm AC4 Roof Condenser	10.0	1.00	0.00	32	N/A	MCB	N/A	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	2.5	1 x 1 x 2c	4	25.00
4	L2	Cbl_FC-44-UPS Rm AC5 Roof Condenser	10.0	1.00	0.00	32	N/A	MCB	N/A	N/A	Multicore 90°C thermosetting insulated armoured LSF Cu 4	2.5	1 x 1 x 2c	4	25.00