

Board Details

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of Distribution Board	Level 2 Dimmer Room Adjacent Goods Lift. Dimmer Rack.	Supply to distribution board is from: No of phases	SubMains(SSB 5, 15/TP) 3
Distribution board designation	DB 1 lights	Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88-2 Fuse HRC
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of Poles	N/A
		RCD Rating	N/A mA

Circuit Details

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection times (s)	Overcurrent protective device					RCD	Maximum permitted Zs (Ω)
					Live mm ²	cpc mm ²		BS(EN)	AFDD	Type	Rating (A)	Short circuit capacity (kA)	Operating current (Δn)	
1/L1	Sub Mains(DB 1 Lights /1L1)	G	E	1	10	10	5	60898 MCB		C	40	10	N/A	0.44
1/L2	Sub Mains(DB 1 Lights /1L2)	G	E	1	10	10	5	60898 MCB		C	40	10	N/A	0.44
1/L3	Sub Mains(DB 1 Lights /1L3)	G	E	1	10	10	5	60898 MCB		C	40	10	N/A	0.44
2/L1	Sub Mains(DB 1 Lights /2L1)	G	E	1	10	10	5	60898 MCB		C	40	10	N/A	0.44
2/L2	Sub Mains(DB 1 Lights /2L2)	G	E	1	10	10	5	60898 MCB		C	40	10	N/A	0.44
2/L3	Sub Mains(DB 1 Lights /2L3)	G	E	1	10	10	5	60898 MCB		C	40	10	N/A	0.44
3/L1	Touch screen supply local	O	E	1	1.5	1.5	0.4	60898 MCB		B	10	10	N/A	3.49
3/L2	Em lights exhibition area RHS	O	E	1	1.5	1.5	0.4	60898 MCB		B	10	10	N/A	3.49
3/L3	Em lights exhibition area LHS	O	E	2	1.5	1.5	0.4	60898 MCB		B	10	10	N/A	3.49
4/L1	Lights staircase 11	O	E	3	1.5	1.5	0.4	60898 MCB		B	10	10	N/A	3.49
4/L2	Lights local	A	E	1	2.5	1.5	0.4	60898 MCB		B	10	10	N/A	3.49
4/L3	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
5/TP	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
6/TP	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
7/TP	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
8/TP	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
9/TP	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
10/L1	Socket & FCU above DB	G	E	1	2.5	2.5	0.4	61009 RCD/RCBO		C	16	10	30	1.09
10/L2	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
10/L3	Sub Mains(DB 1 Lights /10L3)	G	E	1	10	10	5	60898 MCB		C	32	10	N/A	0.54
11/TP	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
12/TP	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
13/TP	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
14/TP	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-

Wiring Code

A	B	C	D	E	F	G	H	O
PVC/PVC cables	PVC cables in metallic conduit	PVC cables in non-metallic conduit	PVC cables in metallic trunking	PVC cables in non-metallic trunking	PVC/SWA cables	XLPE/SWA cables	Mineral insulated cables	Other

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of Distribution Board	Level 2 Dimmer Room Adjacent Goods Lift. Dimmer Rack.	Supply to distribution board is from: No of phases 3 Nominal Voltage 400 V	Associated RCD (if any) BS(EN) N/A RCD No of Poles N/A RCD Rating N/A mA
Distribution board designation	DB 1 lights	Overcurrent protective device for the distribution circuit Type BS(EN) 88-2 Fuse HRC Rating 100 A	

[illegible]

A	B	C	D	E	F	G	H	O
PVC/PVC cables	PVC cables in metallic conduit	PVC cables in non-metallic conduit	PVC cables in metallic trunking	PVC cables in non-metallic trunking	PVC/SWA cables	XLPE/SWA cables	Mineral insulated cables	Other

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of Distribution Board	Level 2 Dimmer Room Adjacent Goods Lift. Dimmer Rack.	Supply to distribution board is from: No of phases 1 Nominal Voltage 400 V	Associated RCD (if any) BS(EN) N/A RCD No of Poles N/A
Distribution board designation	DB 1 Lights /1L1	Overcurrent protective device for the distribution circuit Type BS(EN) 60898 MCB C Rating 40 A	RCD Rating N/A mA

[illegible]

A	B	C	D	E	F	G	H	O
PVC/PVC cables	PVC cables in metallic conduit	PVC cables in non-metallic conduit	PVC cables in metallic trunking	PVC cables in non-metallic trunking	PVC/SWA cables	XLPE/SWA cables	Mineral insulated cables	Other

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Location of Distribution Board	Level 2 Dimmer Room Adjacent Goods Lift. Dimmer Rack.	Supply to distribution board is from:	SubMains(DB 1 lights, 1/L2)
Distribution board designation	DB 1 Lights /1L2	No of phases	1
		Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	60898 MCB C
		Rating	40 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of Poles	N/A
		RCD Rating	N/A mA

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PVC/PVC cables	PVC cables in metallic conduit	PVC cables in non-metallic conduit	PVC cables in metallic trunking	PVC cables in non-metallic trunking	PVC/SWA cables	XLPE/SWA cables	Mineral insulated cables	Other

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Location of Distribution Board	Level 2 Dimmer Room Adjacent Goods Lift. Dimmer Rack.	Supply to distribution board is from:	SubMains(DB 1 lights, 1/L3)
Distribution board designation	DB 1 Lights /1L3	No of phases	1
		Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	60898 MCB C
		Rating	40 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of Poles	N/A
		RCD Rating	N/A mA

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PVC/PVC cables	PVC cables in metallic conduit	PVC cables in non-metallic conduit	PVC cables in metallic trunking	PVC cables in non-metallic trunking	PVC/SPA cables	XLPE/SPA cables	Mineral insulated cables	Other

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Location of Distribution Board	Level 2 Dimmer Room Adjacent Goods Lift. Dimmer Rack.	Supply to distribution board is from: No of phases 1 Nominal Voltage 400 V	Associated RCD (if any) BS(EN) N/A
Distribution board designation	DB 1 Lights /2L1	Overcurrent protective device for the distribution circuit Type BS(EN) 60898 MCB C Rating 40 A	RCD No of Poles N/A RCD Rating N/A mA

[illegible]

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PVC/PVC cables	PVC cables in metallic conduit	PVC cables in non-metallic conduit	PVC cables in metallic trunking	PVC cables in non-metallic trunking	PVC/ SWA cables	XLPE/ SWA cables	Mineral insulated cables	Other

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of Distribution Board	Level 2 Dimmer Room Adjacent Goods Lift. Dimmer Rack.	Supply to distribution board is from: No of phases	SubMains(DB 1 lights, 2/L2) 1
Distribution board designation	DB 1 Lights /2L2	Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	60898 MCB C
		Rating	40 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of Poles	N/A
		RCD Rating	N/A mA

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PVC/PVC cables	PVC cables in metallic conduit	PVC cables in non-metallic conduit	PVC cables in metallic trunking	PVC cables in non-metallic trunking	PVC/SWA cables	XLPE/SWA cables	Mineral Insulated cables	Other

Board Details

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of Distribution Board	Level 2 Dimmer Room Adjacent Goods Lift. Merlin Gerin.	Supply to distribution board is from:	SubMains(SSB 5, 14/TP)
Distribution board designation	DB 2 Power	No of phases	3
		Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88-2 Fuse HRC
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of Poles	N/A
		RCD Rating	N/A mA

Circuit Details

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection times (s)	Overcurrent protective device					RCD	
					Live mm ²	cpc mm ²		BS(EN)	AFDD	Type	Rating (A)	Short circuit capacity (kA)	Operating current (Δn)	Maximum permitted Zs (Ω)
1/L1	Sockets exhibition area near side	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO		C	32	10	30	0.54
1/L2	Sockets exhibition area centre columns	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO		C	32	10	30	0.54
1/L3	Sockets far corridor near rear entrance	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO		C	32	10	30	0.54
2/L1	Sockets exhibition area far columns	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO		C	32	10	30	0.54
2/L2	Door access control	A	B	1	2.5	1.5	0.4	60898 MCB		B	10	10	N/A	3.49
2/L3	Security supply	A	B	1	2.5	1.5	0.4	60898 MCB		C	20	10	N/A	0.87
3/L1	CCTV supply near	A	B	1	2.5	1.5	0.4	60898 MCB		C	20	10	N/A	0.87
3/L2	CCTV supply far	A	B	1	2.5	1.5	0.4	60898 MCB		C	20	10	N/A	0.87
3/L3	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
4/L1	Fire alarm panel level 3	D	B	1	2.5	2.5	0.4	60898 MCB		B	10	10	N/A	3.49
4/L2	BMS Supply	G	E	1	16	16	5	60898 MCB		C	63	10	N/A	0.28
4/L3	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
5/L1	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
5/L2	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
5/L3	Compressor room sockets	A	B	2	2.5	1.5	0.4	61009 RCD/RCBO		C	16	10	30	1.09
6/TP	Compressor supply	G	E	1	6	6	0.4	60898 MCB		D	20	10	N/A	0.44
7/L1	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
7/L2	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
7/L3	Contactor supply	A	B	1	6	2.5	0.4	60898 MCB		C	32	10	N/A	0.54
8/L1	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
8/L2	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
8/L3	Contactor supply	A	B	1	6	2.5	0.4	60898 MCB		C	32	10	N/A	0.54
9/L1	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
9/L2	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-

Wiring Code

A	B	C	D	E	F	G	H	O
PVC/PVC cables	PVC cables in metallic conduit	PVC cables in non-metallic conduit	PVC cables in metallic trunking	PVC cables in non-metallic trunking	PVC/SWA cables	XLPE/SWA cables	Mineral insulated cables	Other

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of Distribution Board	Level 2 Dimmer Room Adjacent Goods Lift. Merlin Gerin.	Supply to distribution board is from: No of phases 3 Nominal Voltage 400 V	Associated RCD (if any) BS(EN) N/A RCD No of Poles N/A
Distribution board designation	DB 2 Power	Overcurrent protective device for the distribution circuit Type BS(EN) 88-2 Fuse HRC Rating 100 A	RCD Rating N/A mA

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PVC/PVC cables	PVC cables in metallic conduit	PVC cables in non-metallic conduit	PVC cables in metallic trunking	PVC cables in non-metallic trunking	PVC/SWA cables	XLPE/SWA cables	Mineral insulated cables	Other