

Specifications

Multipole Distribution Boards (TPN 40/63/100/160/200A, 415V AC)

- RCD available in 40A, 63A or 100A ratings, 30mA, 100mA or 300mA sensitivity
- Multipole distribution boards (3phase, 4wire) will accept combinations of SP, DP or TP plug-in MCBs
- Multipole distribution boards are type tested on BS5486: Part 12:1979
- Ingress protection category of enclosure is IP30
- 41/51mm dia. incoming knockout provided along with 1 off 33mm, 1 off 26mm and 8 off 21mm dia outgoing conduit knockout are available at each end of all enclosure sizes
- 100A terminal incomer DB has 50mm² incoming cable capacity
- 200A terminal incomer DB has 150mm² incoming cable capacity
- 100A TP main switch has AC21 duty to IEC60947-3 (BSEN60947-3) and cable capacity of 50mm²
- 200A TP switch disconnecter has AC21 duty to IEC60947-3 and a cable capacity of 95mm²
- 40A, 63A and 100A 4P RCDs have 25mm² cable capacity.
- Neutral bar has 50mm² incoming cable termination along with a 16mm² outgoing terminal for each outgoing MCB
- An earth bar is supplied for the outgoing MCB ways in addition to a main earth terminal stud
- Each unused SP outgoing way must be sealed with a blanking plate 1 DCBP
- Available in RAL7004 with epoxy coating
- Enclosure thickness 1.2 mm



Selection table of consumer units

Exposed Incomer (Incomer unit without cover)

No of ways	Three phase						
	4	6	8	10	12	14	16
100 TP Main Isolator (Isolator not included)	41DBSS	61DBSS	81DBSS	101DBSS	121DBSS	141DBSS	161DBSS
200 TP Main Isolator (Isolator not included)	42DBSS	62DBSS	82DBSS	102DBSS	122DBSS	142DBSS	162DBSS
40/63A 4P RCD Main Incomer (RCD not included)	4DBOS	6DBOS	8DBOS	10DBOS	12DBOS	14DBOS	
40/63A 4P RCD Main Incomer (RCD 63A 300mA incl.)	4DBOS/ AMM634M	6DBOS/ AMM634M	8DBOS/ AMM634M	10DBOS/ MM634M	12DBOS/ MM634M	14DBOS/ MM634M	

Enclosed Incomer (Incomer unit with cover)

No of ways	Three phase						
	4	6	8	10	12	14	16
100 TP Main Isolator (Isolator not included)	M12BS	M18BS	M24BS	M30BS	M36BS	M42BS	M48BS
200 TP Main Isolator (Isolator not included)	M12CS	M18CS	M24CS	M30CS	M36CS	M42CS	M48CS
40/63A 4P RCD Main Incomer (RCD not included)	M12XS	M18XS	M24XS	M30XS	M36XS	M42XS	M48XS
40/63A 4P RCD Main Incomer (RCD 63A 300mA incl.)	M12XSR634M	M18XSR634M	M24XSR634M	M30XSR634M	M36XSR634M	M42XSR634M	M48XSR634M

Incomer selection



100A DP isolator

Article number	Description
SW46	100A TP ISOLATOR



Residual current devices - 4P RCD (4 pole, 415V AC)

RCDs				
Rating	Sensitivity	List no. 30mA	List no. 100mA	List no. 300mA
40A	4-pole	AMM404H	AMM404M	AMM404L
63A	4-pole	AMM634H	AMM634M	AMM634L
100A	4-pole	AMM1004H	AMM1004M	AMM1004L

Outgoing selection

MCB plug-in type SP



Breaking capacity	Part number	Article number	Description
3 KA	HQP1006R3	173888	6A SP 3kA MCB
3 KA	HQP1010R3	173889	10A SP 3kA MCB
3 KA	HQP1016R3	173890	16A SP 3kA MCB
3 KA	HQP1020R3	173891	20A SP 3kA MCB
3 KA	HQP1025R3	174109	25A SP 3kA MCB
3 KA	HQP1032R3	173892	32A SP 3kA MCB
3 KA	HQP1040R3	173893	40A SP 3kA MCB
3 KA	HQP1050R3	173894	50A SP 3kA MCB
3 KA	HQP1063R3	173895	63A SP 3kA MCB
3 KA	HQP1070R3	HQP1070R3	70A SP 3kA MCB
3 KA	HQP1080R3	HQP1080R3	80A SP 3kA MCB
3 KA	HQP1090R3	HQP1090R3	90A SP 3kA MCB
3 KA	HQP1100R3	HQP1100R3	100A SP 3kA MCB

MCB plug-in type TP



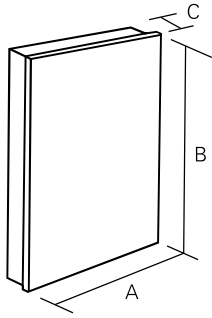
Breaking capacity	Part number	Article number	Description
3 KA	HQP3006R3	173904	6A TP 3kA MCB
3 KA	HQP3010R3	173905	10A TP 3kA MCB
3 KA	HQP3016R3	173906	16A TP 3kA MCB
3 KA	HQP3020R3	173907	20A TP 3kA MCB
3 KA	HQP3025R3	174111	25A TP 3kA MCB
3 KA	HQP3032R3	173908	32A TP 3kA MCB
3 KA	HQP3040R3	173909	40A TP 3kA MCB
3 KA	HQP3050R3	173910	50A TP 3kA MCB
3 KA	HQP3063R3	173911	63A TP 3kA MCB
3 KA	HQP3070R3	HQP3070R3	70A TP 3kA MCB
3 KA	HQP3080R3	HQP3080R3	80A TP 3kA MCB
3 KA	HQP3090R3	HQP3090R3	90A TP 3kA MCB
3 KA	HQP3100R3	HQP3100R3	100A TP 3kA MCB

RCBO plug-in type SP



Rating Amps	Interrupting capacity	List number
10	3KA	GFXB110B2
16	3KA	GFXB116B2
20	3KA	GFXB120B2
32	3KA	GFXB132B2
40	3KA	GFXB140B2

Dimensions of Distribution boards



No of ways	List no				Dimension (mm)		
	Isolator incomer 100A		RCD incomer		A	B	C
	Exposed incomer	Enclosed incomer	Exposed incomer	Enclosed incomer			
4	41DBSS	M12BS	4DBOS	M12XS	473	366	109
6	61DBSS	M18BS	6DBOS	M18XS	550	366	109
8	81DBSS	M24BS	8DBOS	M24XS	626	366	109
10	101DBSS	M30BS	10DBOS	M30XS	703	366	109
12	121DBSS	M36BS	12DBOS	M36XS	779	366	109
14	141DBSS	M42BS	14DBOS	M42XS	856	366	109
16	161DBSS	M48BS			932	366	109

No of ways	List no		Dimension (mm)		
	Isolator incomer 200A		A	B	C
	Exposed incomer	Enclosed incomer			
4	42DBSS	M12CS	626	366	128
6	62DBSS	M18CS	703	366	128
8	82DBSS	M24CS	779	366	128
10	102DBSS	M30CS	856	366	128
12	122DBSS	M36CS	932	366	128
14	142DBSS	M42CS	1009	366	128
16	162DBSS	M48CS	1085	366	128