

Specifications

Consumer Units (SPN 40A/63A/100A, 240V AC)

- RCD available in 40A, 63A or 100A ratings, 30mA, 100mA or 300mA sensitivity
- Consumer units will accept SP plug-in MCBs
- Consumer units are type tested on BS5486: Part 13:1979.
- Ingress protection category of enclosure is IP30
- 100A terminal incomer CU has two 50mm² block terminals.
- 100A DP main switch has AC21 duty to IEC60947-3 (BSEN60947-3) and cable capacity of 50mm²
- Neutral bar has 50mm² incoming cable termination along with a 16mm² outgoing terminal for each outgoing MCB
- 34mm dia. incoming knockout provided along with 4 to 13 off 20.5mm dia. outgoing conduit knockout dependent on enclosure size. All units with the standard height of 210mm have 3 off 26.5mm dia. on each side
- 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 1DCBP
- Available in RAL 7004 with epoxy coating
- Enclosure thickness 0.7 mm



Selection table of consumer units

Exposed Incomer (Incomer unit without cover)

No of ways	Single phase						
	4	6	8	10	12	14	16
100 DP Main Isolator (Isolator not included)	4DASS	6DASS	8DASS	10DASS	12DASS	14DASS	16DASS
40/63/100A DP RCD Main Incomer (RCD not included)	4DAOS	6DAOS	8DAOS	10DAOS	12DAOS	14DAOS	
63A DP RCD Main Incomer (RCD 63A 30 mA incl.)	4DAOS / AMM632H	6DAOS / AMM632H	8DAOS / AMM632H	10DAOS / AMM632H	12DAOS / AMM632H	14DAOS / AMM632H	

Enclosed Incomer (Incomer unit with cover)

No of ways	Single phase						
	4	6	8	10	12	14	16
100 DP Main Isolator (Isolator not included)	CU4S	CU6S	CU8S	CU10S	CU12S	CU14S	CU16S
40/63/100A DP RCD Main Incomer (RCD not included)	ECU4XS	ECU6XS	ECU8XS	ECU10XS	ECU12XS	ECU14XS	
63A DP RCD Main Incomer (RCD 63A 30 mA incl.)	ECU4XSR632H	ECU6XSR632H	ECU8XSR632H	ECU10XSR632H	ECU12XSR632H	ECU14XSR632H	

Incomer selection



100A DP isolator

Article number	Description
SW8010	100A DP ISOLATOR



Residual Current Devices - DP RCD (2 pole, 240/415V AC)

Rating	Sensitivity	RCDs		
		List no. 30mA	List no. 100mA	List no. 300mA
40A	2-pole	AMM402H	AMM402M	AMM402L
63A	2-pole	AMM632H	AMM632M	AMM632L
100A	2-pole	AMM1002H	AMM1002M	AMM1002L

Outgoing selection

MCB plug-in type SP



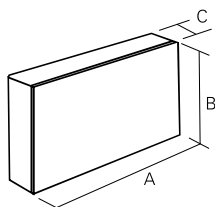
Breaking capacity	Part number	Article number	Description
3 KA	HQP1006R3	173888	6A SP 3kA MCB
3 KA	HQP1010R3	173889	10A SP 3kA MCB
3 KA	HQP1016R3	173890	16A SP 3kA MCB
3 KA	HQP1020R3	173891	20A SP 3kA MCB
3 KA	HQP1025R3	174109	25A SP 3kA MCB
3 KA	HQP1032R3	173892	32A SP 3kA MCB
3 KA	HQP1040R3	173893	40A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



B = 208mm

C = 93mm

No of Ways	List no				Dimension (mm)		
	Isolator incomer		RCD incomer		A	B	C
	Exposed incomer	Enclosed incomer	Exposed incomer	Enclosed incomer			
4	4DASS	CU4S	4DAOS	ECU4XS	227	208	93
6	6DASS	CU6S	6DAOS	ECU6XS	278	208	93
8	8DASS	CU8S	8DAOS	ECU8XS	329	208	93
10	10DASS	CU10S	10DAOS	ECU10XS	380	208	93
12	12DASS	CU12S	12DAOS	ECU12XS	431	208	93
14	14DASS	CU14S	14DAOS	ECU14XS	482	208	93
16	16DASS	CU16S			533	208	93