Twinbreak

Fully rated to meet the requirements of AC23 up to 100A, Twinbreak eliminates the need to have a complete knowledge of the circuit and its application before selecting a device.

Twinbreak is available as a switch disconnector fuse or switch disconnector. It is supplied complete for individual mounting, mounting on cable trunking or for mounting on the Twinbreak range of busbar chambers.



- Units tested and constructed to BSEN60947-3
- Live terminal barriers
- Clear visual indication of the contact position
- Door interlock preventing the door being opened with the switch on
- Door interlock has integral defeat mechanism
- Operating handle is padlockable in the ON or OFF position (padlock shackle 5-10mm dia.)
- Operating handle stays in position once the door is opened
- Supplied with fuses fitted
- Fully removable single piece switch unit, for ease of installation
- ASTA certified to AC23 up to 100A (AC22B 125A & 160A)
- ASTA certified short circuit rating of 50kA and 12 x rated current for 1 second
- IP41 degree of protection
- Fully removable cross rails 100A and above for ease of cabling as cables can be laid in
- Fully removable gland plate allows the unit to be directly connected to 3" cable trunking
- Positive contact indication
- Easy access to fuses
- Cable knockouts provided as standard
- Lift off door provides greater access to switch units, for ease of cabling and for installation
- The door opens within its own overall dimensions allowing Twinbreak units to be mounted adjacent to each other
- Keyhole slots on the enclosure base allow ease of installation
- Fully shrouded operating mechanism ensure cables etc. do not interfere with the switch operation
- Neutral terminal block with link fitted as standard
- Earthing kit supplied as standard

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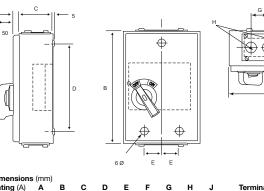
Switch disconnector fuse

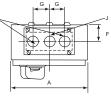
Rating AC20/21/22/23	Switch discor Single phase & switched neutral	inector fuse ¹ 3 phase with neutral link	Switch dis Single phase & switched neutral	sconnector 3 phase with neutral link	
20	SD202SFK	SD203SFK	SD202SW	SD203SW	
32	SD322SFK	SD323SFK	SD322SW	SD323SW	
63	SD632SFK	SD633SFK	SD632SW	SD633SW	
100	SD1002SFK	SD1003SFK	SD1002SW	SD1003SW	
125 ²				SD1253SW	
160 ²				SD1603SW	

¹ Rated duty see page 22.

² AC20/21/22

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Dimensions (mm)											
Α	в	С	D	E	F	G	н	J	Terminal capacity (mm ²)	Terminal pad width (mm)	Packed weight (kg)
210	240	105	160	50	51	44	20	25	10	-	6
210	240	105	160	50	51	44	20	25	10	-	6
235	350	105	270	55	51	50	32	32	25	-	8
260	400	120	320	65	51	60	40	40	50	-	8
292	521	121	421	94.5	51	60	40	40	M8 stud	25	10.5
292	521	121	421	94.5	51	60	40	40	M8 stud	25	10.5
	A 210 210 235 260 292	A B 210 240 210 240 235 350 260 400 292 521	A B C 210 240 105 210 240 105 235 350 105 260 400 120 292 521 121	A B C D 210 240 105 160 210 240 105 160 235 350 105 270 260 400 120 320 292 521 121 421	A B C D E 210 240 105 160 50 210 240 105 160 50 235 350 105 270 55 260 400 120 326 65 292 521 121 421 94.5	A B C D E F 210 240 105 160 50 51 210 240 105 160 50 51 235 350 105 270 55 51 260 400 120 320 65 51 292 521 121 421 94.5 51	A B C D E F G 210 240 105 160 50 51 44 210 240 105 160 50 51 44 235 350 105 270 55 51 60 260 400 120 320 65 51 60 292 521 121 421 94.5 51 60	A B C D E F G H 210 240 105 160 50 51 44 20 210 240 105 160 50 51 44 20 235 350 105 270 55 51 50 32 260 400 120 320 65 51 60 40 292 521 121 421 94.5 51 60 40	A B C D E F G H J 210 240 105 160 50 51 44 20 25 210 240 105 160 50 51 44 20 25 235 350 105 270 55 51 50 32 32 260 400 120 320 65 51 60 40 40 292 521 121 421 94.5 51 60 40 40	A B C D E F G H J Terminal capacity (mm²) 210 240 105 160 50 51 44 20 25 10 210 240 105 160 50 51 44 20 25 10 235 350 105 270 55 51 50 32 32 25 260 400 120 320 65 51 60 40 40 50 292 521 121 421 94.5 51 60 40 40 M8 stud	A B C D E F G H J Terminal capacity (nm²) Terminal pad width (nm) 210 240 105 160 50 51 44 20 25 10 - 210 240 105 160 50 51 44 20 25 10 - 235 350 105 270 55 51 50 32 32 25 - 260 400 120 320 65 51 60 40 40 M8 stud 25