

Quadbreak

Units are rated to AC23 up to 630A so specifiers do not need to have a complete knowledge of the switching duty and its application before selecting a device, as it is suitable for all types of switching.

Quadbreak is available as a switch disconnecter fuse, or a switch disconnecter and is supplied complete with fuse or isolator links. Quadbreak is complemented by a range of cable entry boxes and busbar chambers.

- Tested and constructed to BSEN60947-3
- IP31 degree of protection to BSEN60529
- Removable cross rails allow ease of cabling as cables can be laid without a barrier
- Terminals are fully shrouded
- Direct front access for cabling without dismantling the mechanism
- Clear shrouds allow easy access for inspection and visual indication of contact position
- Positive contact indication is guaranteed
- Door interlock prevents the door being opened when the unit is switched ON
- Padlocking facilities are provided for padlocking in either the ON or OFF position (shackle 6.5mm dia. max)
- Door interlock defeat mechanism
- Castell locks can be factory fitted as an option
- Lift off door, opens within its overall dimensions, allowing Quadbreak units to be mounted directly adjacent to one another
- Keyhole slots on the enclosure base provided for easy wall mounting
- ASTA certified to a short circuit rating of 50kA
- Single folded construction ensures that the Quadbreak easily withstands the rigours of installation and the distortions that large cables can bring
- Quick make and break silver plated contacts
- Cable extension boxes allow easy cabling





Switch disconnector fuse

Quadbreak

Order references

Switch disconnector fuse supplied with fuses

Rating ¹ AC20/21/22/23	Single phase & switched neutral	3 phase with neutral link	Recommended cable entry box	Cable stud	Palm width (mm)	Max. cable size (mm ²)
63A	SQB0632K	SQB0633K	SQBX100	M6	20	50
100A	SQB1002K	SQB1003K	SQBX100	M8	20	50
160A	SQB1602K	SQB1603K	SQBX160	M8	20	50
200A	SQB2002K	SQB2003K	SQBX250	M10	30	120
250A	SQB2502K	SQB2503K	SQBX250	M10	30	120
315A	-	SQB3153K	SQBX500	M12	50	400
400A	-	SQB4003K	SQBX500	M12	50	400
500A	-	SQB5003K	SQBX500	M12	50	400
630A	-	SQB6303K	SQBX630	M12	50	400

¹ Rated duty page 23

² Assumes correct cable box is fitted

Switch disconnector supplied with isolator links

Rating ¹ AC20/21/22/23	Single phase & switched neutral	3 phase with neutral link	Recommended cable entry box	Cable stud	Palm width (mm)	Max. cable size (mm ²)	Spare links
63A	SQB0632L	SQB0633L	SQBX100	M6	20mm	50mm ²	XCL160
100A	SQB1002L	SQB1003L	SQBX100	M8	20mm	50mm ²	XCL160
160A	SQB1602L	SQB1603L	SQBX160	M8	20mm	50mm ²	XCL160
250A	SQB2502L	SQB2503L	SQBX250	M10	30mm	120mm ²	XCL250
400A	-	SQB4003L	SQBX500	M12	50mm	400mm ²	XCL400
500A	-	SQB5003L	SQBX500	M12	50mm	400mm ²	XCL630
630A	-	SQB6303L	SQBX630	M12	50mm	400mm ²	XCL630
800A ³	-	SQB8003L	SQBX630	M12	50mm	400mm ²	XCL800

Cable extension pads are available for 315/630A units reference number **QEX630**. When fitted they must be used with cable box **SQBX630**.

¹ Rated duty page 22

² Assumes correct cable box is fitted

³ 800A unit is rated up to AC22 only. It must be used with **SQBX630** (except where mounted on Quadbreak busbar chambers)

Castell figure locks

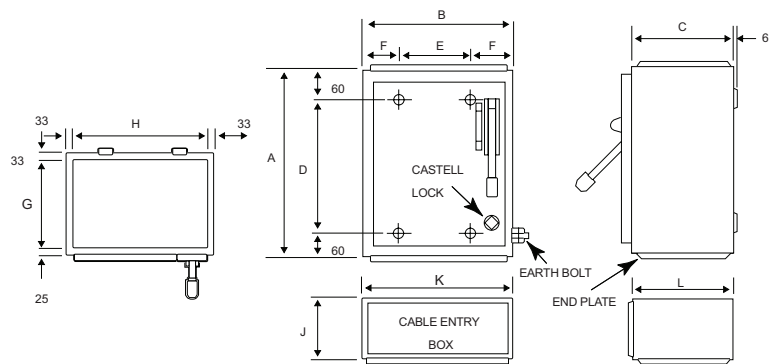
Quadbreak can be factory fitted with Castell interlock type FS for locking in off position

To order:

- 1 Specify required unit e.g. **SQB2503K**
- 2 Add Castle figure lock order suffix **EY**
- 3 Add Castle key symbol e.g. **A**

Thus the order reference for a 250A switch disconnector fuse fitted with a Castell lock symbol A is **SQB2503KEYA**.

For full technical details see page 23.



Current rating	Reference No	Switch enclosures (mm)								Packed weight (kg)	Reference No	Cable entry box (mm)		
		A	B	C	D	E	F	G	H			J	K	L
63A	SQB0632K	380	292	200	260	130	81	142	226	14.5	SQBX100	100	292	200
	SQB0633K													
	SQB0632L													
	SQB0633L													
100A	SQB1002K	380	292	200	260	130	81	142	226	15.6	SQBX100	100	292	200
	SQB1003K													
	SQB1002L													
	SQB1003L													
160A	SQB1602K	380	292	200	260	130	81	142	226	15.6	SQBX160	150	292	200
	SQB1603K													
	SQB1602L													
	SQB1603L													
200A/ 250A	SQB2003K	380	340	200	260	180	81	142	274	19.5	SQBX250	180	340	200
	SQB2502K													
	SQB2503K													
	SQB2502L													
315A/ 400A	SQB3153K	455	489	270	335	289	100	212	423	36.2	SQBX500	300	489	270
	SQB4003K													
	SQB4003L													
	SQB5003K													
500A	SQB5003L	455	489	270	335	289	100	212	423	36.2	SQBX630	400	489	270
	SQB6303K													
	SQB6303L													
800A	SQB8003L													

800A unit is provided with cable extension pads which are external to the above dimensions. Cable entry box SQBX630 must be used except where fitted to a Quadbreak busbar chamber.