

## Description

The range of enclosed FBS have been designed to match the TP& N range of distribution boards. The number of enclosure sizes have been optimized, to ensure an easy installation. The FBS products are designed to protect and isolate individual circuits. The range is presented

in surface mounting enclosures and includes 2 versions of boxes:

- TPN 20-1600A (14 ratings)
- TPSN 20-1600A (14 ratings)

### Delivered with

- load break switch
- plain door
- extended rotary handle

### Technical data:

- Indoor
- Outdoor IP55
- nominal current (In): 20A up to 1600A
- rated voltage (Ue): 415V AC
- utilisation category: AC23A
- color: epoxy powder coating RAL 9002
- metallic enclosure
- 1.2mm thickness CR4 steel
- extra cabling space

### Comply with

- BS EN 61 439-1,
- BS EN 61 497-3,
- IEC 61 497-3
- LBS Sequence 1 & 3
- FCS Sequence 1 & 4



JAB316

Designation Enclosed LBS	In A	Utilisation Category	Cat. Ref. Trip pole & neutral	Cat. Ref. Trip pole & switched neutral
<b>Triple pole &amp; neutral</b>	20A	AC23A	<b>JAB302</b>	<b>JAB402</b>
	32A	AC23A	<b>JAB303</b>	<b>JAB403</b>
	63A	AC23A	<b>JAB306</b>	<b>JAB406</b>
	100A	AC23A	<b>JAB310</b>	<b>JAB410</b>
	125A	AC23A	<b>JAC312</b>	<b>JAC412</b>
	160A	AC23A	<b>JAC316</b>	<b>JAC416</b>
	200A	AC23A	<b>JAE320</b>	<b>JAE420</b>
	250A	AC23A	<b>JAE325</b>	<b>JAE425</b>
	315A	AC23A	<b>JAG331</b>	<b>JAG431</b>
	400A	AC23A	<b>JAG340</b>	<b>JAG440</b>
	630A	AC23A	<b>JAH363</b>	<b>JAH463</b>
	800A	AC23A	<b>JAH380</b>	<b>JAH480</b>
	1250A	AC23A	<b>JAH390</b>	<b>JAH490</b>
	1600A	AC23A	<b>JAH392</b>	<b>JAH492</b>



JAG440

Designation Enclosed LBS	In A	Utilisation Category	Cat. Ref. TP & N	Cat. Ref. TP & SW N
<b>IP55</b>	63A	AC23A	<b>JAB306S-IP55</b>	<b>JAB406S-IP55</b>
	100A	AC23A	<b>JAB310S-IP55</b>	<b>JAB410S-IP55</b>
	160A	AC23A	<b>JAC316S-IP55</b>	<b>JAC416S-IP55</b>
	200A	AC23A	<b>JAE320S-IP55</b>	<b>JAE420S-IP55</b>
	250A	AC23A	<b>JAE325S-IP55</b>	<b>JAE425S-IP55</b>
	315A	AC23A	<b>JAG331S-IP55</b>	<b>JAG431S-IP55</b>
	400A	AC23A	<b>JAG340S-IP55</b>	<b>JAG440S-IP55</b>
	630A	AC23A	<b>JAH363S-IP55</b>	<b>JAH463S-IP55</b>

Designation Enclosed LBS	In A	Cat. Ref.
<b>Cable extension boxes triple pole &amp; triple pole switched neutral</b>	125A , 160A 200A , 250A , 315A , 400A 630A , 800A	<b>JZA700</b> <b>JZA701</b> <b>JZA702</b>
<b>Auxiliary contact 1NO + 1NC</b>	20A to 100A 100A to 160A 200A to 630A 800A to 1600A	<b>HZC311</b> <b>HZ023</b> <b>HZ023</b> <b>HZ023</b>
<b>Terminal cover</b>	125A to 200A 250A to 400A 630A 800A 1250A to 1600A	<b>3P</b> <b>HZC201</b> <b>HZC203</b> <b>HZC205</b> <b>HZ036</b> <b>HZ037</b>
		<b>4P</b> <b>HZC202</b> <b>HZC204</b> <b>HZC206</b> <b>HZ046</b> <b>HZ047</b>

**Description**

The range of IP66 isolators are designed to be used in outdoor applications with IP66 degree of protection. They are rated at AC22A and AC23A offer options of 2,3 poles and 4 poles with switched neutral. They are compact and easy to install with 2 screw quick release top cover

Rated voltage: 250 V AC  
440 V AC  
Material: Polycarbonate-UV grade

Rating AC22A is for switching of mixed resistive and inductive loads, including moderate overloads.

Rating AC22A is for switching of mixed resistive and inductive loads, including moderate overloads.

Rating AC23A is for switching of motor loads or other highly inductive loads.

**Mechanical specification:**

Protection category: IP66

**Devices & accessories:**

DP 20-40A  
TP & N 20-40A  
TP & SW N 20-63A

**Complies with**

BS EN 60947-3  
IEC 60947-3  
AS 3947-3

Designation	Characteristics	Pack qty.	Cat.Ref
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JG220U

**Rating: AC22A**

**2 pole**

20A	2 pole IP66	1	<b>JG220U</b>
32A	2 pole IP66	1	<b>JG232U</b>
40A	2 pole IP66	1	<b>JG240U</b>
63A	2 pole IP66	1	<b>JG263U</b>

**3 pole**

20A	3 pole IP66	1	<b>JG320U</b>
32A	3 pole IP66	1	<b>JG332U</b>
40A	3 pole IP66	1	<b>JG340U</b>

**3 pole + switched neutral**

20A	4 pole IP66	1	<b>JG420U</b>
32A	4 pole IP66	1	<b>JG432U</b>
40A	4 pole IP66	1	<b>JG440U</b>
63A	4 pole IP66	1	<b>JG463U</b>



JG320IN

**Rating: AC23A**

**2 pole**

20A	2 pole IP66	1	<b>JG220IN</b>
32A	2 pole IP66	1	<b>JG232IN</b>
40A	2 pole IP66	1	<b>JG240IN</b>
63A	2 pole IP66	1	<b>JG263IN</b>

**3 pole**

20A	3 pole IP66	1	<b>JG320IN</b>
32A	3 pole IP66	1	<b>JG332IN</b>
40A	3 pole IP66	1	<b>JG340IN</b>

**3 pole + switched neutral**

20A	4 pole IP66	1	<b>JG420IN</b>
32A	4 pole IP66	1	<b>JG432IN</b>
40A	4 pole IP66	1	<b>JG440IN</b>
63A	4 pole IP66	1	<b>JG463IN</b>



JG380S

**Rating: AC22A**

**3 pole**

63A	3P IP65 isolator	1	<b>JG363S</b>
80A	3P IP65 isolator	1	<b>JG380S</b>
125A	3P IP65 isolator	1	<b>JG325S</b>