

Switch disconnectors



The advantages for you :

- Easy to install
- Positive action door handle
- Lockable off

Technical data :

- IEC 60947-3
- Robust 1.2 mm steel enclosure

Expert tips

1



- 2.0 mm (up to 400A)
- 2.5 mm (up to 630A - 800A)
- Knock outs and removable gland plate

3



Lockable off

2



Robust 1.2 mm steel enclosure

4



Terminal cover

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
Triple pole & neutral	20A	AC23A	JAB302	JAB402
	32A	AC23A	JAB303	JAB403
	63A	AC23A	JAB306	JAB406
	100A	AC22A	JAB310	JAB410
	125A	AC23A	JAC312	JAC412
	160A	AC23A	JAC316	JAC416
	200A	AC23A	JAE320	JAE420
	250A	AC23A	JAE325	JAE425
	315A	AC22A	JAG331	JAG431
	400A	AC22A	JAG340	JAG440
	630A	AC22A	JAH363	JAH463
	800A	AC23A	JAH380	JAH480
	1250A	AC23A	JAH390	JAH490
	1600A	AC23A	JAH392	JAH492



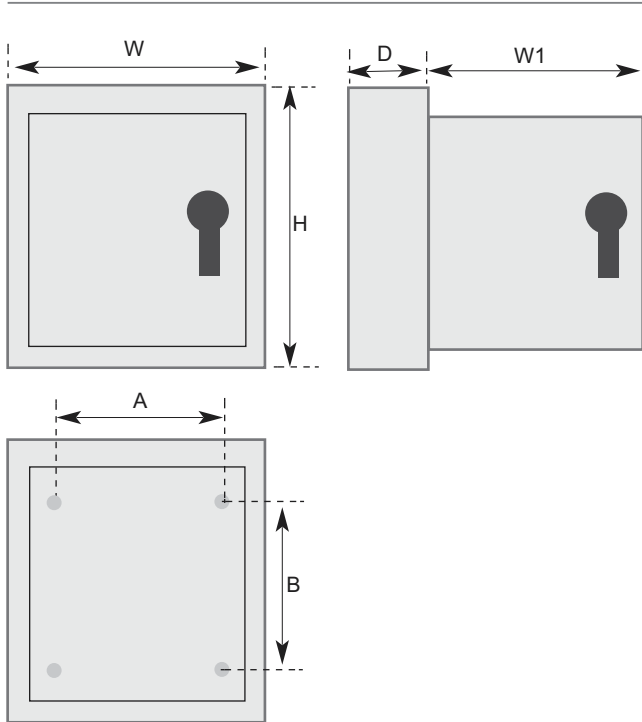
JAG440

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

Designation Enclosed LBS	In A	Utilisation Category	Cat. Ref.
Cable extension boxes triple pole & triple pole switched neutral	125A , 160A 200A , 250A , 315A , 400A 630A , 800A		JZA700 JZA701 JZA702

Auxiliary contact 1NO + 1NC	In A	Cat. Ref.
	20A to 100A	HZ021
	100A to 160A	HZ022
	200A to 630A	HZ023
	800A to 1600A	HZ025

Terminal cover	In A	3P Cat. Ref.	4P Cat. Ref.
	125A to 200A	HZC201	HZC202
	250A to 400A	HZC203	HZC204
	630A	HZC205	HZC206
	800A	HZ036	HZ046
	1250A to 1600A	HZ037	HZ047



Reference						
	H	W	D	W1	A	B
JAB302	250	180	105	177	110	172
JAB402	250	180	105	177	110	172
JAB303	250	180	105	177	110	172
JAB403	250	180	105	177	110	172
JAB306	250	180	105	177	110	172
JAB406	250	180	105	177	110	172

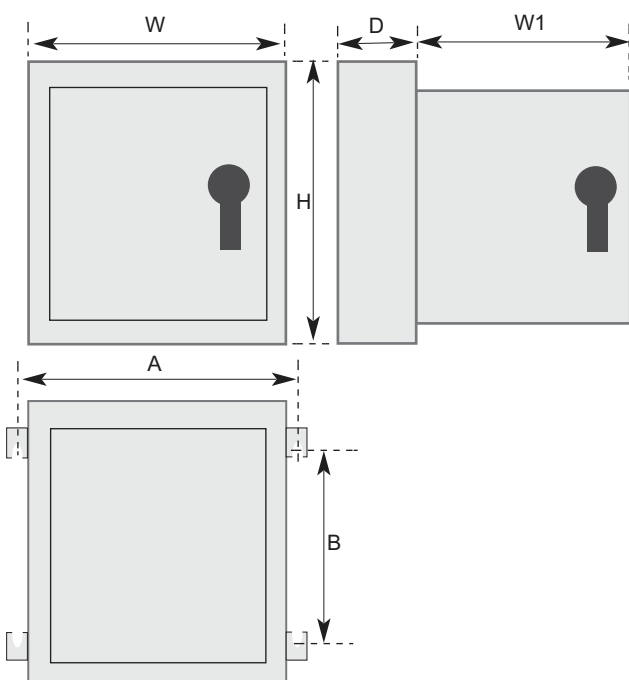
JAB310	250	200	150	182	130	172
JAB410	250	200	150	182	130	172
JAC312	300	250	150	232	140	192
JAC412	300	250	150	232	140	192
JAC316	300	250	150	232	140	192
JAC416	300	250	150	232	140	192

JAЕ320	400	375	200	357	265	292
JAЕ420	400	375	200	357	265	292
JAЕ325	400	375	200	357	265	292
JAЕ425	400	375	200	357	265	292

JAG331	500	375	200	357	265	380
JAG431	500	375	200	357	265	380
JAG340	500	375	200	357	265	380
JAG440	500	375	200	357	265	380

JAH363	650	500	300	481.5	390	529
JAH463	650	500	300	481.5	390	529
JAH380	650	500	300	481.5	390	529
JAH480	650	500	300	481.5	390	529
JAH390	1058	750	300	732	390	937
JAH490	1058	750	300	732	130	937

JZA700	200	250	300	/	140	100
JZA701	200	375	300	/	265	100
JZA702	200	500	300	/	390	134
JZA703	200	600	300	/	490	134



Reference							
		H	W	D	W1	A	B
JAB306S-IP55	JAB406S-IP55	300	300	200	300	330	195
JAB310S-IP55	JAB410S-IP55	300	300	200	300	330	195
JAC310S-IP55	JAC410S-IP55	400	300	200	300	330	295
JAЕ316S-IP55	JAЕ416S-IP55	600	400	250	400	430	495
JAЕ325S-IP55	JAЕ425S-IP55	600	400	250	400	430	495
JAG331S-IP55	JAG431S-IP55	700	500	250	500	530	595
JAG340S-IP55	JAG440S-IP55	700	500	250	500	530	595
JAH363S-IP55	JAH463S-IP55	800	600	400	600	630	695

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	JG220U
32A	2 pole IP66	1	JG232U
40A	2 pole IP66	1	JG240U
63A	2 pole IP66	1	JG263U

3 pole

20A	3 pole IP66	1	JG320U
32A	3 pole IP66	1	JG332U
40A	3 pole IP66	1	JG340U

3 pole + switched neutral

20A	4 pole IP66	1	JG420U
32A	4 pole IP66	1	JG432U
40A	4 pole IP66	1	JG440U
63A	4 pole IP66	1	JG463U



JG320IN

Rating: AC23A

2 pole

20A	2 pole IP66	1	JG220IN
32A	2 pole IP66	1	JG232IN
40A	2 pole IP66	1	JG240IN
63A	2 pole IP66	1	JG263IN

3 pole

20A	3 pole IP66	1	JG320IN
32A	3 pole IP66	1	JG332IN
40A	3 pole IP66	1	JG340IN

3 pole + switched neutral

20A	4 pole IP66	1	JG420IN
32A	4 pole IP66	1	JG432IN
40A	4 pole IP66	1	JG440IN
63A	4 pole IP66	1	JG463IN



JG380S

Rating: AC22A

3 pole

63A	3P IP65 isolator	1	JG363S
80A	3P IP65 isolator	1	JG380S
125A	3P IP65 isolator	1	JG325S

**2 pole**

Reference	urr C	ent	H	W	D
JG220U	20A		170	84	87
JG232U	32A		170	84	87
JG240U	40A		170	84	87
JG263U	63A		170	84	87

• All dimensions are in mm

3 pole

Reference	urr C	ent	H	W	D
JG320U	20A		170	84	87
JG332U	32A		170	84	87
JG340U	40A		170	84	87

• All dimensions are in mm

3 pole + switched neutral

Reference	urr C	ent	H	W	D
JG420U	20A		170	84	87
JG432U	32A		170	84	87
JG440U	40A		170	84	87
JG463U	63A		170	84	87

• All dimensions are in mm

2 pole

Reference	urr C	ent	H	W	D
JG220IN	20A		170	84	87
JG232IN	32A		170	84	87
JG240IN	40A		170	84	87
JG263IN	63A		170	84	87

• All dimensions are in mm

3 pole

Reference	urr C	ent	H	W	D
JG320IN	20A		170	84	87
JG332IN	32A		170	84	87
JG340IN	40A		170	84	87

• All dimensions are in mm

3 pole + switched neutral

Reference	urr C	ent	H	W	D
JG420IN	20A		170	84	87
JG432IN	32A		170	84	87
JG440IN	40A		170	84	87
JG463IN	63A		170	84	87

• All dimensions are in mm