

# Fuse Load Break Switch FLBS

**Description**

FLBS is manually operated 3 pole fuse combination switch in range 125 to 630A. It makes and breaks on load and provides safety isolation and protection against overcurrent for any low voltage electrical circuit. FLBS have been designed, qualified and tested according to the criteria defined by standards: IEC(EN) 60947-3, IEC 60269-1, IEC 60269-2

**Advantages**

- Complete isolation of the fuse with double breaking per pole (top and bottom of fuse).
- Positive break indication.
- IP2X protection with terminal shrouds front panel.
- High breaking capacity. Protection against overloads and shortcircuits thanks to high breaking capacity fuses (100 kA rms).
- TEST position for testing control circuits without power using auxiliary contacts. In TEST position, the enclosure door can be opened.

**Applications**

- Motor load break.
- Protection of industrial cabinet.

ETISWITCH

## Fuse Load Break Switch FLBS



FLBS 160 3P

**FLBS body (no handle included) 3 POLES**

Type	Code No.	$I_n$ [A]	Number of poles	Fuse size	Weight [g]	Packaging [pcs]
FLBS 125 3P	004661800	125	3	NV/NH 00/00C	1.830	1
FLBS 160 3P	004661801	160	3	NV/NH 00/00C	1.830	1
FLBS 250 3P	004661802	250	3	NV/NH 1	3.660	1
FLBS 400 3P	004661803	400	3	NV/NH 2	6.250	1
FLBS 630 3P	004661804	630	3	NV/NH 3	16.760	1

In front direct or external front operation

## Accessories



FLBS-DH400/B

FLBS-DH630-B



LBS-EH630/G ...400/G FLBS

FLBS-EH630/G

**Direct handle for in front direct operation**

Type	Description	Code No.	For use with	Weight [g]	Packaging [pcs]
FLBS-DH400/B	Direct handle, black	004661824	FLBS 125-400A 3P	267	1/25
FLBS-DH630/B	Direct handle, black	004661825	FLBS 630A 3P	471	1

Type definition: Handle type / color initials

**Door interlocked handle IP65 (shaft not included).**

Type	Description	Code No.	For use with	Weight [g]	Packaging [pcs]
FLBS-EH630/G...400/G FLBS	Door interlocked handle, grey front	004661483	FLBS 125 - 400A 3P	253	1/20
FLBS-EH630/G	Door interlocked handle, grey front	004661823	FLBS 630A 3P	280	1/15

Type definition: Handle type / color initials

## Fuse Load Break Switch FLBS

### Shaft for door interlocked handle

Type	Description	Code No.	For use with	Weight [g]	Packaging [pcs]
FLBS-S200/630 (CO)...400 FLBS	Shaft, 200mm, 10x10mm	004661490	FLBS 125 - 400A 3P	160	1/25
FLBS-S320/630 (CO)...400 FLBS	Shaft, 320mm, 10x10mm	004661493	FLBS 125 - 400A 3P	250	1/50
FLBS-S500/630 (CO)...400 FLBS	Shaft, 500mm, 10x10mm	004661496	FLBS 125 - 400A 3P	390	1/20
FLBS-S200/630	Shaft, 200mm, 12x12mm	004661820	FLBS 630A 3P	226	1/25
FLBS-S320/630	Shaft, 320mm, 12x12mm	004661821	FLBS 630A 3P	359	1/50
FLBS-S500/630	Shaft, 500mm, 12x12mm	004661822	FLBS 630A 3P	564	1/20



LBS-S320/630 (CO) .../400 FLBS

### Guiding cone

Type	Description	Code No.	For use with	Weight [g]	Packaging [pcs]
LBS-GC (CLBS-EH125/01)	Guiding cone	004661489	FLBS-EH630	29	1/25

Guiding cone: To guide the shaft extension into the external handle. This accessory enables the handle to engage the extension shaft with a misalignment of up to 15 mm, required for shaft lengths over 320 mm.



LBS-GC (CLBS-EH80, 125)

### Shaft holder

Type	Description	Code No.	For use with	Weight [g]	Packaging [pcs]
FLBS-SH/400	Shaft holder	004661831	shaft > 320mm	293	1

This support maintains shaft position for extension shafts greater than 320 mm in length.



FLBS-SH/400

### Auxiliary contact

Type	I <sub>n</sub> [A]	Description	Code No.	For use with	Weight [g]	Packaging [pcs]
FLBS-PS10	16	Auxiliary contact, NO	004661826	FLBS 125-630A	14	1/50
FLBS-PS01	16	Auxiliary contact, NC	004661827	FLBS 125-630A	14	1/50

Compact universal type auxiliary contacts which can be configured for operation in either, or both, ON and TEST positions. FLBS (125-160A) max. 2 aux. contacts, FLBS (250-630A) max. 4 aux. contacts can be mounted. Pre-break and signalling of positions 0, I and TEST. Connection to the control circuit by terminals with max. section 2 x 2.5 mm<sup>2</sup>.



FLBS-PS

### Terminal shrouds (covers)

Type	Description	Code No.	For use with	Weight [g]	Packaging [pcs]
FLBS-TS160 3P	3 pole terminal shroud	004661828	FLBS 125-160A 3P	43	1
FLBS-TS250 3P	3 pole terminal shroud	004661829	FLBS 250 3P	240	1
FLBS-TS400 3P	3 pole terminal shroud	004661832	FLBS 400A 3P	240	1
FLBS-TS630 3P	3 pole terminal shroud	004661830	FLBS 630A 3P	570	1

Top or bottom IP20 protection (on the front) against direct contact with terminals or connection parts. One reference includes 3 pcs (3pole) for top or bottom contacts, to protect all, 2 references shall be ordered.



FLBS-TS