

# Ease of use

## External manual bypass switches

### External manual bypass switches for Protect B., C., C.R, 1. and 1.M series UPS units

The external manual bypass switch, an optional add-on for the Protect B., C., C.R, 1. and 1.M series of UPS systems, is used to bypass a UPS – for example, to carry out maintenance – without interrupting the supply of power to connected loads. Besides simple bypass operation, it features an additional setting to enable UPS testing. The switch is equipped with individually protected power connectors to supply power to loads directly.

The external manual bypass switch has three settings:

1. UPS mode:  
Loads are supplied with power via the UPS.
2. Service mode:  
Connected loads are powered directly from the mains supply. This setting also enables the UPS to be tested.
3. Bypass mode:  
In this mode, loads are powered directly from the mains supply. The attached UPS is fully disconnected from the circuit and can be removed for maintenance or replacement.

#### Key features:

- Enclosures with a coordinated visual and technical design to match different UPS services
- Practical lasered and abrasion-resistant panel labeling
- High-quality can switch with leading and overlapping contacts
- Visual indication (green/yellow/red) of operating states (MBS 6000 only)
- Integrated power distribution unit; MBS 6000 additionally includes a terminal for supplying an external UPS
- Plug-and-go design for easy installation (MBS 2000/3000)
- Supplied complete with connection and installation kit
- Detailed user guide in several languages



Fig.: MBS 2000/3000, MBS 6000, MBS 24000



## External manual bypass switches: Technical data

	MBS 2000	MBS 3000	MBS 6000	MBS 24000
Compatibility	B.750-B.2000 C.1000 (R) / C.2000 (R)	B.3000 / C.3000 (R)	C.6000 (R)	C.10000 / 1. / 1.M
Nominal input voltage frequency	230 Vac, 50/60 Hz	230 Vac, 50/60 Hz	230 Vac, 50/60 Hz	230 Vac, 50/60 Hz
Nominal current	10 A	16 A	32 A	32 A bis 125 A
No. of output connections	4 x IEC 320 (C 13)	4 x IEC 320 (C 13) 1 x IEC 320 (C 19)	8 x IEC 320 (C 13), protected in pairs by 5 x 20mm micro fuse (T 10 A), plus unprotected terminal output	16 x terminals
Enclosure color	Blackline	Blackline	Blackline	Blackline
Dimensions (H x W x D)				
Tower mode	88 mm x 215 mm x 200 mm		88 mm (2 U) x 483 mm (19") x 350 mm	600 mm x 380 mm x 350 mm
19" Rack mode	88 mm (2 U) x 483 mm (19") x 200 mm			
AEG part number	600 000 3039	600 000 3040	600 000 5205	100 000 2021

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PERFECT IN FORM AND FUNCTION

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