

BM-R

Maintenance bypass 16, 40 or 63 A



BM-R: Continuity of supply during maintenance operations

Salicru's **BM-R** series maintenance bypasses enable the UPS to be completely disconnected without interrupting power supply to the loads. Their use is essential for maintenance and repair work, which, for reasons of safety, requires the elimination of any voltages present in the device. The **BM-R** series is available in currents of 16, 40 and 63 A, covering UPSs in the 0.7 to 10 kVA power range with single-phase input and output.

The 40 and 63 A models allow switching without passing through zero thanks to an auxiliary contact that communicates them with an **SLC TWIN RT2** series UPS and enables them to turn the device on, or not.

Performances

- Maintenance bypass in rack/wall format.
- Enables loads to operate during UPS maintenance or replacement.
- Simple operation by means of a switch.
- Manual UPS-mains and mains-UPS switching.
- Easy installation and connection.
- Suitable for single-phase devices from 0.7 to 10 kVA.
- Inputs and outputs through IEC sockets for 16 A model.
- Inputs and outputs through terminals for 40 and 63 A models.
- Possibility of transfer from UPS to bypass. ⁽¹⁾
- Switching without passing through zero. ⁽¹⁾

(1) For 40 and 63 A models.



Technical specifications

MODEL		BM-R 3 kVA	BM-R 6 kVA	BM-R 10 kVA
FORMAT		19" rack / wall		
INPUT	Rated voltage	208 / 220 / 230 / 240 V		
	Rated frequency	50 / 60 Hz		
	Rated current (A)	16	40	63
OUTPUT	Rated voltage	208 / 220 / 230 / 240 V		
	Rated current (A)	16	40	63
	Rated frequency	50 / 60 Hz		
CONNECTIONS	Input	1 × IEC C20	Terminals	
	UPS input	1 × IEC C19	Terminals	
	Output	1 × IEC C19 + 6 × IEC C13	Terminals	
	UPS output	1 × IEC C20	Terminals	
	Recommended cables	-	6 mm ²	10 mm ²
GENERAL	Operating temperature	0°C ÷ +45°C		
	Relative humidity	Up to 95%, non-condensing		
	Maxium operating altitude	2,400 masl		
STANDARDS	Safety	EN-60950-1		
	Quality and environmental management	ISO 9001 & ISO 14001		
DIMENSIONS	Depth × Width × Height (mm)	80 × 438 × 50	123 × 438 × 86	
WEIGHT	Weight (kg)	1.5	3	
CODE		6980P000029	6980P000022	6980P000023

Information subject to change without notice.

Dimensions



Connections



1. IEC connections or output terminals .
2. Manual bypass.
3. Thermal rearmable.
4. Screws to adapt the device to 19" rack format.
5. Socket output.
6. AC power supply IEC connector or input terminals.
7. AC input.
8. Input and output terminals AC.
9. Input circuit breaker switch (6 and 10 kVA models only).
10. Terminal strip to connect with the EBMS signal of the UPS.
11. Manual bypass signal auxiliary contact for signalling.