

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 users to disconnect the Uninterrupted Power Supply (UPS) completely without interrupting the supply of power to the loads. They are essential for maintenance and repair work that, for reasons of safety, requires the elimination of any voltage present in the device. The **BM-R** series is available in current ratings of 16, 40 and 63 A, covering UPSs in the 0.7 to 10 kVA power range with single-phase input and output.

The BM-R 63 A+ boasts exceptional functionality and, in combination with the **SLC TWIN RT3** and **SLC TWIN PRO3** ranges, offers two groups of programmable outputs (combining IEC C13 and C19 formats) and automatic battery detection, along with supports incorporating a rotating device that allows the **BM-R** to be lowered 90° without the need for disassembly when carrying out system maintenance.

The 40 and 63 A models enable switching without passing through zero, thanks to an auxiliary contact that links them to the UPS (provided it has a digital signal port designed for this purpose) and allows them to turn the device on or not, as applicable.

Performances

- Maintenance bypass in rack/wall format.
- Enables loads to operate during UPS maintenance or replacement.
- Simple operation via 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 via IEC sockets for 16 A and 63 A+ models.
- Inputs and outputs via terminals for 40 A, 63 A and 63 A+ models. ⁽¹⁾
- Option to transfer from UPS to bypass. ⁽²⁾
- Switching without passing through zero. ⁽³⁾
- 2 groups of programmable outputs. ⁽⁴⁾

(1) For model 63 A+ also IEC outlets

(2) For the 40 A, 63 A and 63 A+ models

(3) Except the 16 A model

(4) 63 A+ model, only in combination with the SLC TWIN PRO3 and the SLC TWIN RT3



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Technical specifications

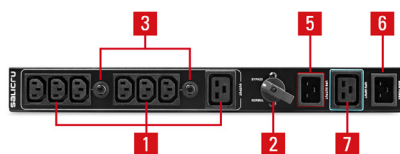
MODEL		BM-R 16 A	BM-R 40 A	BM-R 63 A	BM-R 63 A+
FORMAT		19" rack / Wall / Attached to the device			
INPUT	Rated voltage	208 / 220 / 230 / 240 V			
	Rated frequency	50 / 60 Hz			
	Rated current (A)	16	40	63	
OUTPUT	Rated voltage	208 / 220 / 230 / 240 V			
	Rated current (A)	16	40	63	
	Rated frequency	50 / 60 Hz			
CONNECTIONS	Input	1 × IEC C20	Terminals		
	UPS input	1 × IEC C19	Terminals		
	Output	1 × IEC C19 + 6 × IEC C13	Terminals		Terminals + 2 × IEC C19 + 4 × IEC C13
	UPS output	1 × IEC C20	Terminals		
	Recommended cables	-	6 mm²	10 mm²	
GENERAL	Operating temperature	0°C ÷ +45°C			
	Relative humidity	Up to 95%, non-condensing			
	Maxium operating altitude	2,400 masl			
STANDARDS	Safety	EN IEC 62040-1			
	EMC	EN IEC 62040-2; EN IEC 61000-3-2; EN IEC 61000-3-12			
	Corporate cerification	ISO 9001, ISO 14001, ISO 45001			
DIMENSIONS	Depth × Width × Height (mm)	80 × 438 × 50	123 × 438 × 86		80 × 440 × 85
WEIGHT	Weight (kg)	1.5	3		2.4
CODE		6B40P000005	6980P000022	6980P000023	6B40P000002

Information subject to change without notice.

Dimensions



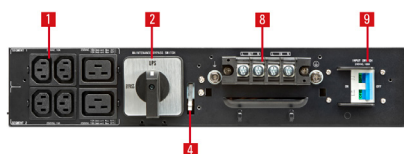
Connections



BM-R 16A



BM-R 40/63A



BM-R 63 A+

1. IEC connections or output terminals .
2. Manual bypass.
3. Thermal rearmable.
4. Manual bypass signal auxiliary contact for signalling.
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.

