

Picture	Description	Order no.
	Magnetic-operated motor protection switch type MBM (Schneider) Magnetic-operated motor protection switch 0.63 - 13.0 amp. Designed and tested according to IEC 60947-4-1/EN 60947-4-1.	
	Coil voltage:	230V AC
	Operation temperature:	-5°C - 40°C
	Protection rating:	IP65
	Size:	0.63 - 1.00 A
		1.00 - 1.70 A
		1.60 - 2.50 A
		2.50 - 4.00 A
		4.00 - 6.00 A
		5.50 - 8.00 A
	Magnetic-operated motor protection switch type MBM (Schneider) Magnetic-operated motor protection switch 0.63 - 13.0 amp. Designed and tested according to IEC 60947-4-1/EN 60947-4-1.	
	Coil voltage:	24V AC
	Operation temperature:	-5°C - 40°C
	Protection rating:	IP65
	Size:	0.63 - 1.00 A
		1.00 - 1.70 A
		1.60 - 2.50 A
		2.50 - 4.00 A
		4.00 - 6.00 A
		5.50 - 8.00 A
	Hand-operated motor protection switches type HBM with enclosure type ABB IB132-G and motor protection block type ABB MS116 complete Hand-operated motor protection switch 0.63 - 16.0 amp. Motor protection switch is temperature compensated. Protects against short-circuit, overload and phase break. Designed according to standard: IEC/EN 60947-1 IEC/EN 60947-2 IEC/EN 60947-4-1	
	Size	Short-circuit breaking capacity I_{cs} at 400V AC [kA]
	0.63 - 1.00 A	50
	1.00 - 1.60 A	50
	1.60 - 2.50 A	50
	2.50 - 4.00 A	50
	4.00 - 6.30 A	50
	6.30 - 10.00 A	50
	10.00 - 16.00 A	16

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	Hand-operated mounting motor protection switches the HBM with door mounting kit type ABB DMS132-G and motor protection block type ABB MS116 complete		
	Hand-operated motor protection switch 0.63 - 16.0 amp.		
	Motor protection switch is temperature compensated. Protects against short-circuit, overload and phase break.		
	Designed according to standard: IEC/EN 60947-1 IEC/EN 60947-2 IEC/EN 60947-4-1		
	Size	Short-circuit breaking capacity I _{cs} at 400V AC [kA]	
	0.63 - 1.00 A	50	09 212 000
	1,00 - 1.60 A	50	09 212 100
	1.60 - 2.50 A	50	09 212 200
2.50 - 4.00 A	50	09 212 300	
4.00 - 6.30 A	50	09 212 400	
6.30 - 10.00 A	50	09 212 500	
10.00 - 16.00 A	16	09 212 600	

Motor protection switches can be used for all Gram fans type VT, VL, VH and VE 2200 - 4000.
All other fan models use frequency converter or Y-D-motor starter.