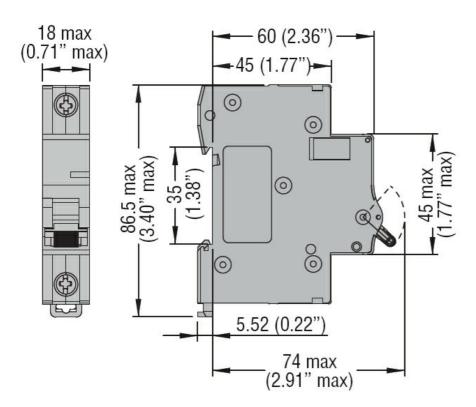




Product type designation Number of DIN modules Compliance Electrical features Rated insulation voltage Ui IEC/EN V Rated impulse withstand voltage Uimp kV Rated operational voltage AC (IEC) VAC Rated operational voltage DC VDC Rated frequency Hz Rated current (In) A Tripping curve Short circuit rating (IEC) Short circuit rating (IEC) kA Power dissipation per pole max W Ambient conditions Operating temperature Storage temperature min °C min °C min °C	breaker (MCB) P1 MB 1 IEC / UL1077
Compliance Electrical features Rated insulation voltage Ui IEC/EN V Rated impulse withstand voltage Uimp kV Rated operational voltage AC (IEC) VAC Rated operational voltage DC VDC Rated frequency Hz Rated current (In) A Tripping curve Short circuit rating (IEC) Short circuit rating (IEC) KA Power dissipation per pole max W Ambient conditions Operating temperature Min °C Storage temperature min	-
Electrical features Rated insulation voltage Ui IEC/EN V Rated impulse withstand voltage Uimp kV Rated operational voltage AC (IEC) VAC Rated operational voltage DC VDC Rated frequency Hz Rated current (In) A Tripping curve Short circuit rating (IEC) Short circuit rating (IEC) kA Power dissipation per pole max W Ambient conditions Operating temperature Storage temperature min °C min °C min °C	IEC / UL1077
Rated insulation voltage Ui IEC/ENVRated impulse withstand voltage UimpkVRated operational voltage AC (IEC)VACRated operational voltage DCVDCRated frequencyHzRated current (In)ATripping curveShort circuit rating (IEC)Short circuit rating (IEC)kAPower dissipation per pole maxWAmbient conditionsWOperating temperaturemin °CStorage temperaturemin °C	the second s
Rated impulse withstand voltage Uimp kV Rated operational voltage AC (IEC) VAC Rated operational voltage DC VDC Rated frequency Hz Rated current (In) A Tripping curve Short circuit rating (IEC) Short circuit rating (IEC) kA Power dissipation per pole max W Ambient conditions Operating temperature Storage temperature min °C min °C min °C	
Rated operational voltage AC (IEC) VAC Rated operational voltage DC VDC Rated frequency Hz Rated current (In) A Tripping curve Short circuit rating (IEC) Short circuit rating (IEC) kA Power dissipation per pole max W Ambient conditions W Operating temperature min °C Storage temperature min °C	440
Rated operational voltage DC VDC Rated frequency Hz Rated current (In) A Tripping curve Image: Short circuit rating (IEC) Short circuit rating (IEC) kA Power dissipation per pole max W Ambient conditions W Operating temperature min °C Storage temperature min °C	4
Rated frequency Hz Rated current (In) A Tripping curve Short circuit rating (IEC) Short circuit rating (IEC) kA Power dissipation per pole max W Ambient conditions W Operating temperature min °C Storage temperature min °C min °C min °C	230
Rated current (In) A Tripping curve Short circuit rating (IEC) Short circuit rating (IEC) kA Power dissipation per pole max W Ambient conditions W Operating temperature min °C max °C Storage temperature min °C	60
Tripping curve kA Short circuit rating (IEC) kA Power dissipation per pole max W Ambient conditions W Operating temperature min °C max °C Storage temperature min °C max °C	50/60
Short circuit rating (IEC) kA Power dissipation per pole max W Ambient conditions W Operating temperature min °C max °C Storage temperature min °C min °C max °C	3
Power dissipation per pole max W Ambient conditions Operating temperature min °C max °C Storage temperature min °C	С
Ambient conditions Operating temperature min °C max °C Storage temperature min °C	10
Operating temperature min °C max °C · Storage temperature min °C ·	0.96
min °C max °C Storage temperature min °C	
max °C Storage temperature min	
Storage temperature min °C	-35
min °C	+70
min °C	
max °C	-40
	+80
Max altitude m 2	2000
Mechanical features	
Operating position	
normal	Vertical plan
	35mm DIN rail
Tightening torque for terminals	
	2
max Ibin	15
Terminals tool	Pz 2
Conductor section	
IEC	
min mm²	1
max mm² 3	35
AWG/Kcmil	
min	14
max	6
Weight g	115
-	IP20
Dimensions	IP20 2

P1MB1PC03





Certifications and compliance

Compliance

Certifications

CSA C22.2 n°235. UR "UL Recognized" per Canada e USA.
IEC/EN 60898-1
IEC/EN 60947-2
UL 1077
cURus
EAC

TÜV-Rheinland