

30 kA

4 kA

MCCB x250 3P 40kA 200A TM

Technische Merkmale

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Architecture	
Type of order	Toggle
Type of case	Fixed built-in
Number of poles	3 P
Type of pole	3P3D
Functions	
Complete device with protection unit	yes
Trip Unit	TM F/F
Integrated earth fault protection	no
Compatibility	
Compatible with DIN rail mounting	no
Controls and indicators	
Motor drive integrated	no
Main electrical features	
Frequency	50/60 Hz
Rated operational voltage Ue	220/415 V
Voltage	
Rated insulation voltage	800 V
Rated impulse withstand voltage	8000 V
With under voltage release	no
Electric current	
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	40 kA
Rated service breaking capacity Ics AC according IEC 60947-2	50 %
Breaking capacity on 1 pole with 230 V NF 60947-2	51 kA
Breaking capacity on 1 pole with 400 V NF 60947-2	9 kA
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	85 kA
Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2	85 kA
Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	40 kA

Rated ultimate short-circuit breaking capacity Icu

Rated ultimate short-circuit breaking capacity Icu

under 440V AC IEC 60947-2

under 690V AC IEC 60947-2 Thermal protection nob setting xIN



Correction factor of rating current for 2 devices placed side-by-side Correction factor of rating current for 3 devices placed side-by-side Correction factor of rating current for 4 and 5 devices placed side-by-side Correction factor of rating current for 6 devices placed side-by-side Correction factor of rating current for 6 devices placed side-by-side Power Power Power Power loss per pole at In 12.8 W Total power loss under IN 38.4 W Tripping Tr	Current correction factors		
Correction factor of rating current for 3 devices placed side-by-side Correction factor of rating current for 4 and 5 devices placed side-by-side Correction factor of rating current for 6 devices placed side-by-side Correction factor of rating current for 6 devices placed side-by-side Power Correction factor of rating current for 6 devices placed side-by-side Power Power loss per pole at In 12,8 W Total power loss under IN 38,4 W Total power loss under IN 38,4 W Total power loss under IN 38,4 W Tripping Tripping Tripping Tripmode TM TM Time of response when opening 10 ms Endurance Electric endurance in number of cycles 10000 Number of mechanical operations 20000 Installation, mounting Tightening torque 12Nm DIN rail mounting with optional adaptator yes Connection cross-sect. rigid cable 35 / 185mm² Connection response to the simple point of the si	Correction factor of rating current for 2 devices placed side-by-side	1	
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Number of mechanical operations Installation, mounting Tightening torque 12Nm DIN rail mounting with optional adaptator yes Connection Connection 35 / 185mm² Connection cross-sect. rigid cable 35 / 185mm² Connection cross-sect. flexible conductor 35 / 150mm² Connection Front connection Type of connection Terminal Settings Magnetic protection nob setting xIN 10 Setting type In or Ith IN Range of the magnetic adjustment 2600 A Equipment Motor drive optional yes Use cases Category of use A Standards Standard text IEC 60947-2 European directive WEEE concerned	Endurance		
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Type of connection Terminal Settings Magnetic protection nob setting xIN 10 Setting type In or Ith IN Range of the magnetic adjustment 2600 A Equipment Motor drive optional yes Use cases Category of use A Standards Standards Standard text IEC 60947-2 European directive WEEE concerned		35 / 150mm²	
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Setting type In or Ith Range of the magnetic adjustment Equipment Motor drive optional yes Use cases Category of use A Standards Standards Standard text European directive WEEE Concerned Safety	Settings		
Range of the magnetic adjustment 2600 A Equipment Motor drive optional yes Use cases Category of use A Standards Standards Stundard text IEC 60947-2 European directive WEEE concerned	Magnetic protection nob setting xIN	10	
Equipment Motor drive optional yes Use cases Category of use A Standards Standard text IEC 60947-2 European directive WEEE concerned	Setting type In or Ith	IN	
Motor drive optional yes Use cases Category of use A Standards Standard text IEC 60947-2 European directive WEEE concerned	Range of the magnetic adjustment	2600 A	
Use cases Category of use A Standards Standard text IEC 60947-2 European directive WEEE concerned Safety	Equipment		
Category of use A Standards Standard text IEC 60947-2 European directive WEEE concerned Safety	Motor drive optional	yes	
Standards Standard text IEC 60947-2 European directive WEEE concerned Safety	Use cases		
Standard text IEC 60947-2 European directive WEEE concerned Safety	Category of use	А	
European directive WEEE concerned Safety	Standards		
Safety	Standard text	IEC 60947-2	
	European directive WEEE	concerned	
Protection index IP IP4X	Safety		
	Protection index IP	IP4X	



Use conditions

Altitude	2000 m
Storage temperature	-35 to 70 °C
Air humidity protection	for all climates