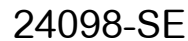


Specifications



M9F10402

Network frequency	50/60 Hz
[Ue] rated operational voltage	≤ 250 V DC
	230...240 V AC 50/60 Hz
	400 V AC 50/60 Hz
	415 V AC 50/60 Hz
	440 V AC 50/60 Hz

Product datasheet

Specifications

Limitation class	3 conforming to IEC 60898
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to IEC/EN 60947-2
Limitation class	IEC 60898-1: 3...5 x In IEC 60947-2: in a.c. 4 x In ($\pm 20\%$) in d.c. 5.7 x In ($\pm 20\%$)
[Ics] rated service breaking capacity	40 kA 100% of Icu at ≤ 250 V DC conforming to IEC/EN 60947-2 15 kA 75% of Icu at 230...240 V AC conforming to IEC/EN 60947-2 7.5 kA 75% of Icu at 400...415 V AC conforming to IEC/EN 60947-2 4.5 kA 75% of Icu at 440 V AC conforming to IEC/EN 60947-2 6000 A 100% of Icn at 400 V AC 50/60 Hz conforming to IEC/EN 60898-1
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC/EN 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	8
Height	81 mm
Width	72 mm
Depth	73 mm
Product weight	480 gr
Color	Grey
Mechanical durability	20,000 cycles
Electrical durability	10,000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal (top or bottom) 1...10 mm ² - rigid Tunnel type terminal (top or bottom) 1...10 mm ² - flexible Tunnel type terminal (top or bottom) 1...10 mm ² - flexible with ferrule
Wire stripping length	14 mm top or bottom connection
Tightening torque	2.5 N.m top or bottom
Earth-leakage protection	Separate add-on block

Environment

Heat dissipation	10.4 W at 415 V - 2 A
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3 conforming to IEC/EN 60947-2
Overvoltage category	IV
Tropicalization	2 conforming to IEC 60068-1

Product datasheet

Specifications

Relative humidity	95% at 55 °C
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °C

Ordering and shipping details

GTIN	6267377140980
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Packing Units

Unit type of package 1	BB1
Number of units in package 1	3
Package 1 height	7.8 cm
Package 1 width	8.7 cm
Package 1 length	22 cm
Package 1 weight	1.5 kg
Unit type of package 2	GB1
Number of units in package 2	30
Package 2 height	31.5 cm
Package 2 width	26.5 cm
Package 2 length	28 cm
Package 2 weight	16.5 kg

Contractual warranty

Guarantee	Lifetime
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