

Part no. C445MA-005P
Article no. 181554
Catalog No. C445MA-005P

Delivery program


Product range			Measurement modules
Basic function			Current measurement Thermistor
Current range		A	1 - 5
Mounting width		mm	45

Technical data

General

Standards			IEC/EN 60947-4-1, UL 60947-4-1
Ambient temperature			
Open		°C	-40 - +60
Mounting position			As required
Mechanical shock resistance		g	15 Shock duration 11 ms non-operating
Degree of Protection			IP20

Main conducting paths

Rated insulation voltage	U _i	V AC	110 - 690
Short-circuit protection max. fuse gL-characteristic		A gL	20
Current heat loss (3 conductors)			
Maximum setting		W	5
Push-through opening		mm	7.8

Conventional free air thermal current

Standards			EM60947-8, Type A
Short-circuit release		Ω	10 - 20
Open wire tripping		Ω	20000 - 40000
Tripping		Ω	3600 ± 10 %
Reclosing		Ω	1500 ± 10 %
Voltage being monitored/test voltage		V	≤ 2,5 bei ≤ 1330 Ω ≤ 7,5 bei ≤ 4 kΩ ≤ 9 V bei T1, T2 offen

Design verification as per IEC/EN 61439

Technical data for design verification			
Static heat dissipation, non-current-dependent	P _{Vs}	W	5
Operating ambient temperature min.		°C	-40
Operating ambient temperature max.		°C	60

Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Current transformer (EC002048)			
Electric engineering, automation, process control engineering / Signal processing / Transformer / Current transformer (ecl@ss8.1-27-21-09-02 [AAB626011])			
Model			Through-feed current converter
Primary rated current		A	5
Secondary rated current		A	0
Secondary rated apparent power		VA	0
Accuracy class			2
Over voltage limiting factor			-
Calibrated			No
With shock protection			Yes
Opening height		mm	7,8
Opening width		mm	7,8

Opening diameter	mm	7,8
Snap mounting		Yes
With copper rail		No
Secondary connection		Plug-in connection
Number of primary inputs		3