

Part no. C445MC-090P
Article no. 181570
Catalog No. C445MC-090P

Delivery program


Product range			Measurement modules
Basic function			Current measurement Thermistor
Current range		A	11 - 90
Mounting width		mm	90

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	360
Current heat loss (3 conductors)			
Maximum setting		W	5
Push-through opening		mm	15.9

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 \pm 10 %
Reclosing		Ω	1500 \pm 10 %
Voltage being monitored/test voltage		V	$\leq 2,5$ bei $\leq 1330 \Omega$ $\leq 7,5$ bei $\leq 4 k\Omega$ $\leq 9 V$ 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	90
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	15,9
Opening width		mm	15,9

Opening diameter		mm	15,9
Snap mounting			Yes
With copper rail			No
Secondary connection			Plug-in connection
Number of primary inputs			3