



Measuring module, 45mm, 1-5 A

Part no. C445MA-005I
 Catalog No. 181553
 Alternate Catalog No. C445MA-005I

Delivery program

Product range			Measurement modules
Basic function			Current measurement
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

Rating data for approved types

Short Circuit Current Rating			SCCR
Basic Rating			
SCCR		kA	5
max. Fuse		A	20
max. CB		A	20
480 V High Fault			
SCCR (fuse)		kA	100
max. Fuse		A	20
SCCR (CB)		kA	100
max. CB		A	20
600 V High Fault			
SCCR (fuse)		kA	100
max. Fuse		A	20
SCCR (CB)		kA	35
max. CB		A	20

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

Approvals

Product Standards			UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking
UL File No.			E1230

UL Category Control No.	NKCR
North America Certification	UL listed, CSA certified
Specially designed for North America	No

Dimensions

