



Measuring module, 45mm, 0.3-2.4A

Part no. **C445MA-2P4I**  
 Catalog No. **181549**  
 Alternate Catalog No. **C445MA-2P4I**

### Delivery program

Product range			Measurement modules
Basic function			Current measurement
Current range		A	0.3 - 2.4
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 <sub>i</sub>	V AC	110 - 690
Short-circuit protection max. fuse gL-characteristic		A gL	10
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	6
max. CB		A	15
480 V High Fault			
SCCR (fuse)		kA	100
max. Fuse		A	6
SCCR (CB)		kA	100
max. CB		A	15
600 V High Fault			
SCCR (fuse)		kA	100
max. Fuse		A	6
SCCR (CB)		kA	35
max. CB		A	15

### Design verification as per IEC/EN 61439

Technical data for design verification			
Static heat dissipation, non-current-dependent	P <sub>vs</sub>	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

