



General ordering data

Order No.	8664570000
Part designation	CMA 250/5A
Version	Current transformer, 250 A AC , 1 , 5 A AC , 1 , Screw connection (secondary)
EAN	4032248331024
Qty.	1 pc(s).

Input

Input current	250 A AC
Max. voltage	600 V (non-insulated wire)
Max. current	Thermal current I>3 kA
Input frequency	Class 1: 50...60Hz Class 1.5: 16...400Hz
Diameter of feed-through entry	35 mm
Voltage of measuring circuit	600 V (non-insulated wire)
Number of inputs	1

Output

Output current	5 A AC
Load resistance, current	≤ 600 Ω
Accuracy	Class 1 / 1.5; residual current factor < 5
Number of outputs	1

General data

Function	Current monitoring
Input/Output	250 A/ 5 A
Galvanic isolation	Passive isolator
Type of connection	Screw connection (secondary)
Mounting rail	TS 35 + direct assembly
Weight	540 g
Ambient temperature (operational)	-5 °C...+40 °C
Storage temperature	-40 °C...+85 °C

Insulation coordination

Standards	EN 50178
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Insulation coordination

EMC standards	EN 55011, EN 61000-6
Insulation voltage input, output	4 kV / 1 min.

Dimensions

Length	50 mm
Height	90.5 mm
Width	78 mm

Approvals

Approvals institutes

**Classifications**

ETIM 2.0	EC001440
ETIM 3.0	NK
eClass 4.1	27-21-09-02
eClass 5.0	27-21-09-02
eClass 5.1	27-21-09-02

Similar products

Order No.	Part designation	Version
8523400000	WAS1 CMA 1/5/10A ac	Current monitoring, 0...1 A AC/ 0...5 A AC/ 0...10 A AC , 1 , 0(4)...20 mA , 0...10 V , 1 , Screw connection
8523410000	WAZ1 CMA 1/5/10A ac	Current monitoring, 0...1 A AC/ 0...5 A AC/ 0...10 A AC , 1 , 0(4)...20 mA , 0...10 V , 1 , Tension clamp connection
8528650000	WAS1 CMA LP 1/5/10A ac	Current monitoring, 0...1 A AC/ 0...5 A AC/ 0...10 A AC , 1 , 4...20 mA (current loop) , 1 , Screw connection
8528660000	WAZ1 CMA LP 1/5/10A ac	Current monitoring, 0...1 A AC/ 0...5 A AC/ 0...10 A AC , 1 , 4...20 mA (current loop) , 1 , Tension clamp connection
8526610000	WAS2 CMA 5/10A uc	Current monitoring, 0...5 A AC/DC / 0...10 A AC/DC , 1 , 0(4)...20 mA , 0...10 V , 1 , Screw connection
8526620000	WAZ2 CMA 5/10A uc	Current monitoring, 0...5 A AC/DC / 0...10 A AC/DC , 1 , 0(4)...20 mA , 0...10 V , 1 , Tension clamp connection
8545830000	WAS2 CMA 20/25/30A uc	Current monitoring, 0...20 A AC/DC / 0...25 A AC/DC / 0...30 A AC/DC , 1 , 0(4)...20 mA , 0...10 V , 1 , Screw connection
8545840000	WAZ2 CMA 20/25/30A uc	Current monitoring, 0...20 A AC/DC / 0...25 A AC/DC / 0...30 A AC/DC , 1 , 0(4)...20 mA , 0...10 V , 1 , Tension clamp connection
8513330000	WAS2 CMA 40/50/60A uc	Current monitoring, 0...40 A AC/DC / 0...50 A AC/DC / 0...60 A AC/DC , 1 , 0(4)...20 mA , 0...10 V , 1 , Screw connection
8526590000	WAZ2 CMA 40/50/60A uc	Current monitoring, 0...40 A AC/DC / 0...50 A AC/DC / 0...60 A AC/DC , 1 , 0(4)...20 mA , 0...10 V , 1 , Tension clamp connection
8662140000	CMA 100/5A	Current transformer, 100 A AC , 1 , 5 A AC , 1 , Screw connection (secondary)
8664580000	CMA 500/5A	Current transformer, 500 A AC , 1 , 5 A AC , 1 , Screw connection (secondary)