



General ordering data

Version	Current monitoring, 0...1 A AC/ 0...5 A AC/ 0...10 A AC , 1 , 1 , Screw connection
Order No.	8516560000
Article designation	WAS2 CMR 1/5/10A ac
EAN	4032248153572
Qty	1

Input

Input current	0...1 A AC/ 0...5 A AC/ 0...10 A AC
max. voltage	250 V AC
max. current	100 A for 1s
Input frequency	50...60 Hz
Sensor	Transforming (internally)
Voltage of measuring circuit	250 V AC
No. inputs	1

Output

Load impedance, current	$\leq 600 \Omega$
Continuous current	0.7 A DC / 3 A AC
Function	Open-circuit/closed-circuit principle
Hysteresis	5% or 10% of threshold value
Contact complement	1 changeover contact
Switching thresholds	adjustable 10...100% with front potentiometer
Switching voltage, max.	60 V DC/ 250 V AC
Switching voltage, min.	6 V AC/DC
Switching current, max.	7 A
Switching current, min.	100 mA
Step response time	typ. 700 ms
Status indicator	green LED
Temperature coefficient	$\leq 800 \text{ ppm/K}$
Number of outputs	1

General data

Function	Relay output
Input/Output	1/ 5/ 10 A AC / Relay
Electrical isolation	3-way-isolator
Type of connection	Screw connection
Terminal rail	TS 35
Weight	150 g
Current consumption	8.3 mA (relay not triggered)/ 24 mA (relay triggered)
Current-carrying capacity of cross-connect.	≤ 2 A
Supply voltage	24 V DC ± 10 %
Default setting	0...5 A / 10% Hysteresis / operating current principle
Operating temperature	0 °C...+50 °C
Storage temperature	-20 °C...+70 °C

Insulation coordination

Standards	EN 50178
EMC standards	EN 55011, EN 61000-6
Isolation voltage input, output	4 kVeff / 5 s
Isolation voltage input or output/rail	4 kVeff / 1 min.
Clearance & creepage distance	≥ 3 mm
Impulse withstand voltage	4 kV
Pollution severity	2
Surge category	III
Rated voltage	300 V

Dimensions

Clamping range, min.	0,5 mm ²
Clamping range, max.	2,5 mm ²
Clamping range, nom.	2,5 mm ²
Length	92,4 mm
Height	112,4 mm
Width	22,5 mm

Classifications

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

Related products

Version	Order No.	Article designation
Current monitoring, 0...1 A AC/ 0...5 A AC/ 0...10 A AC , 1 , 1 , Tension clamp connection	8516570000	WAZ2 CMR 1/5/10A ac

Current monitoring, 0...20 A AC/ 0...40 A AC/ 0...60 A AC , 1 , 1 , Screw connection	8513340000	WAS2 CMR 20/40/60A ac
Current monitoring, 0...20 A AC/ 0...40 A AC/ 0...60 A AC , 1 , 1 , Tension clamp connection	8526600000	WAZ2 CMR 20/40/60A ac
Current monitoring, 0.5...2.5 A DC , Screw connection	8742610000	PAS CMR 0,5...2,5 A DC
Current monitoring, 2...5.0 A DC , Screw connection	8742620000	PAS CMR 2,0...5,0 A DC
Current monitoring, 4.5...10 A DC , Screw connection	8742630000	PAS CMR 4,5...10 A DC