

HOLE DIAMETER 15mm / 33mm

AC/DC CURRENT TRANSFORMER

OUTPUT 4-20mA on Loop
OUTPUT 0-10V e RS485
50A / 300A



The AC/DC current transformers perform RMS and DC type measurements with integrated analogue and RS485 serial output.

The -I version provides a 4-20mA on current loop.



COMMON TECHNICAL FEATURES

- Resolution: 12 bit
- Working Temperature: -15°C...+65°C
- Storage Temperature: -40°C...+85°C
- Temperature Coefficient: < 200 ppm/°C
- Humidity: 10...90%, not condensing
- Band Width: DC or 20...2000 Hz
- Isolation: 3 kV on bare wire
- Protection index: IP20

COMMON MECHANICAL FEATURES

- Filling: Epoxy resin
- Enclosure material: Nylon vitrified VO
- Mounting: Ready to be mounted on din rail, vertical or horizontal by plastic bracket (included)



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	QI-50-I	QI-50-V-485	QI-300-I	QI-300-V-485
Meas. Range	50 A AC/DC		300 A AC/DC	
Power Supply	from loop	12...30 Vdc	from loop	12...30 Vdc
Accuracy on F.S.	0,5%			
Meas. type	RMS (monopolar) or DC			
Output	4-20mA	0...10V e RS485	4-20mA	0...10V e RS485
TECHNICAL FEATURES				
Absorption	less then 3,5mA	20mA max	less then 3,5mA	20mA max
Crest Factor	2		1,4	
Overload	2000 A pulsed / 300 A continuos		2000 A pulsed / 500 A continuos	
Response Time	1000ms	1000ms on analog 30ms on RS485	1000ms	1000ms on analog 30ms on RS485
Hysteresis	0,15%		0,2%	
MECHANICAL FEATURES				
Dimensions	46,1x 63x 26,4 mm (terminal excluded)		89,1x 99,25x 28,5 mm (terminal excluded)	
Weight	72gr		370gr	
Terminals	n°1 removable, 2 poles step 3,5mm	n°1 removable, 5 poles step 3,5mm	n°1 removable, 2 poles step 3,5mm	n°1 removable, 5 poles step 3,5mm
Dip-switch	2 poles	8 poles	2 poles	8 poles
LED	N°1 yellow, fixed Power on	N°1 yellow, fixed Power on, blinking in communication	N°1 yellow, fixed Power on	N°1 yellow, fixed Power on, blinking in communication