



Product designation

Product type designation

Type

DIN rail module number

Current  
measuring  
module  
EXS4001  
2 current inputs  
4

### Current inputs

Rated current (I <sub>e</sub> )	A	1A/5A
Measurement range		0.004...6
Current inputs operational frequency	min max	Hz Hz 45 66

Type	Internal CT
Measurement method	TRMS
Overload capacity	1.2
Overload peak	A 120A for 0.5s

### Current

IEC maximum (I <sub>max</sub> )	A	6
IEC minimum (I <sub>min</sub> )	A	0.004

### Accuracy

Current	Class 0.5 (IEC/EN 61557-12)
Active power	Class 1 (IEC/EN 61557-12)
Reactive power	Class 2 (IEC/EN 61557-12)
THD	Class 5 (IEC/EN 61557-12)
2nd 15th order harmonics	Class 5 (IEC/EN 61557-12)

### Insulations

Rated insulation voltage U <sub>i</sub> IEC/EN	V	600
Rated impulse withstand voltage U <sub>imp</sub>	kV	9.6
Operating frequency withstand voltage	kV	5.4

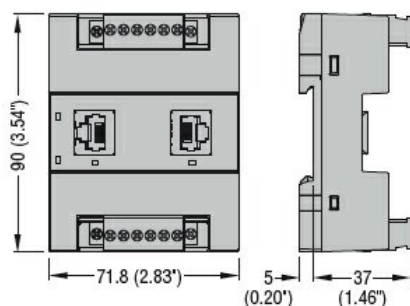
### Mechanical features

Housing type				Polyamide
Terminals type				Screw
Conductor cross section				
		min	mm <sup>2</sup>	0.2
		Max	mm <sup>2</sup>	2.5
		min	AWG	24
		Max	AWG	12

Tightening torque (Max)	Nm lbin	0.5 4.5
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Fixing		Din rail
Weight	g	210
Ambient conditions		
Temperature		
Operating temperature		
	min	°C -20
	max	°C +60
Storage temperature		
	min	°C -30
	max	°C +80
Relative humidity	%	<80
Max altitude	m	2000
Maximum Pollution degree		2
Overvoltage category		3
Protection degree		IP20

### Dimensions



### Certifications and compliance

#### Compliance

IEC/EN/BS 61000-6-2  
IEC/EN/BS 61000-6-4  
IEC/EN/BS 61010-1

#### Certificates

CE  
EAC  
UKCA