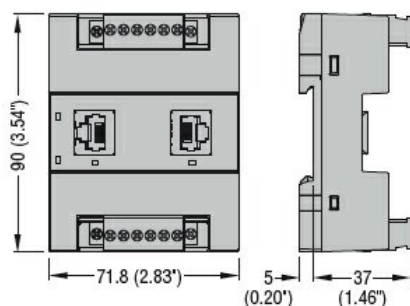




Product designation	Current measuring module		
Product type designation	EXS4001		
Type	2 current inputs		
DIN rail module number	4		
Current inputs			
Rated current (Ie)	A	1A/5A	
Measurement range	0.004...6		
Current inputs operational frequency	min	Hz	45
	max	Hz	66
Type	Internal CT		
Measurement method	TRMS		
Overload capacity	1.2		
Overload peak	A	120A for 0.5s	
Current			
IEC maximum (Imax)	A	6	
IEC minimum (Imin)	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 Ui IEC/EN	V	600	
Rated impulse withstand voltage Uimp	kV	9.6	
Operating frequency withstand voltage	kV	5.4	
Mechanical features			
Housing type	Polyamide		
Terminals type	Screw		
Conductor cross section	min	mm²	0.2
	Max	mm²	2.5
	min	AWG	24
	Max	AWG	12
Tightening torque (Max)	Nm	0.5	
	lbin	4.5	

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