EM480

COMPACT-transducer EM480

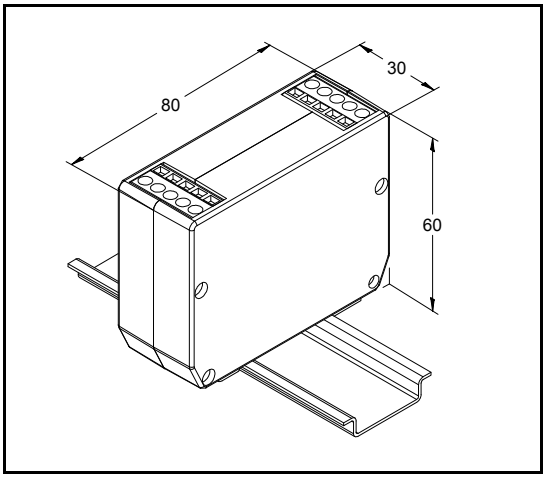
Transducer for current

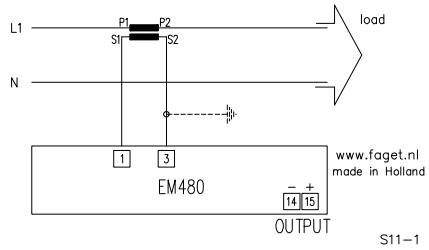
Transducer suitable for measurement of sinusoidal-current. You can choose two different measuring ranges within one product , 1A & 5A or 1,2A & 6A. The output is an lineair curve of 0-20mA.

Input
- ► Sinusoidal-AC
- ► 1A & 5A of 1,2 & 6A direct, or via external CT

Output
- ► Lineair 0-20mA

Aux. supply
- ► Not required





Suitable wiring diagrams : S11-1 and S11-2.
More wiring diagrams on page 18 of our catalogue

Order information

Measuring range		Order number
1A or 5A	0-20mA	6R2301
1,2 or 6A	0-20mA	6R2308

Input

Nominal current	1A of 5A (6A max)
Nominal frequency	45..50..60..65Hz
Overload	1,2xIn continue
	60xIn / 1sec.
Power consumption	ca 0,4VA

Output

Output current	0..20mA
load voltage	10V
current limitation	<40mA
Accuracy class	|0.5|
Ripple	<0,6%pp
Response time 0-90% & 100-10%	<1s

Auxiliary supply

Voltage	not required

Safety

Impulstest	5kV 1,2/50µs
Insulation test	4kV 50Hz 1min.
Housing protection	
terminals	IP20
housing	IP40
EMC	
Emission	EN50081-1
Immunity	EN50082-2
Usage group	III (IEC60688)
Pollution degree	II (IEC60947-1)