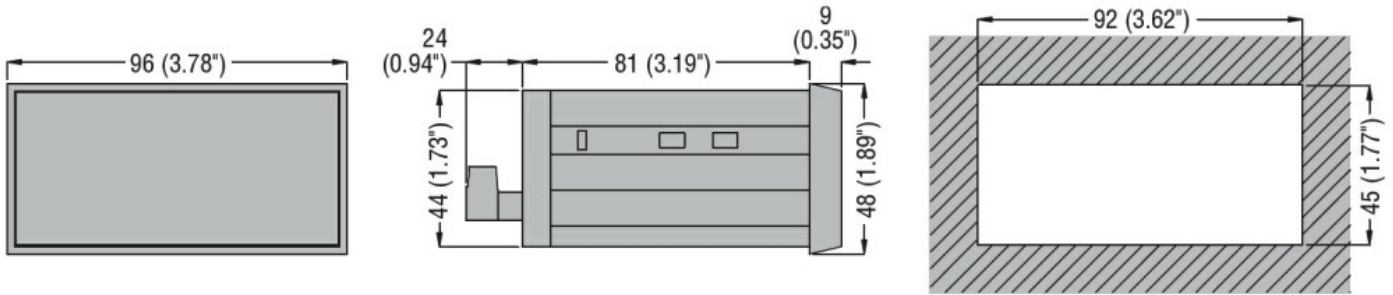




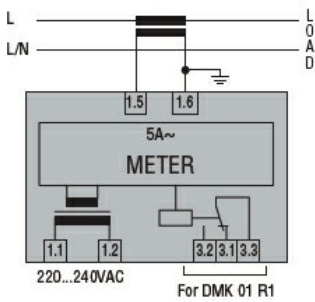
Product designation				Metering instruments - Ammeter DMK01R1
Product type designation				DMK01R1
Auxiliary supply Us				
Auxiliary rated supply voltage AC			VAC	220...240
Operational frequency		min	Hz	50
		max	Hz	60
Power consumption		Max	VA	3.6
Power dissipation Max			W	1.8
Current inputs				
Rated current (Ie)			A	5
Measurement range				0.05...5.75
Current inputs operational frequency		min	Hz	45
		max	Hz	66
Type				Shunts connected by external low voltage CT 5A max
Measurement method				TRMS
Overload capacity				+20% Ie
Accuracy				
			Current	±0.5% f.s. ±1 digit
Insulations				
Rated insulation voltage Ui IEC/EN			V	415
Mechanical features				
Housing type				Thermoplastic
Terminals type				Removable
Conductor cross section		min	mm ²	0.2
		Max	mm ²	2.5
		min	AWG	24
		Max	AWG	12
Tightening torque (Max)			Nm	0.8
			lbin	7
Fixing				Flush-mounting
Weight			g	323
Ambient conditions				
Temperature	Operating temperature			

	min	°C	-20
	max	°C	+60
Storage temperature			
	min	°C	-30
	max	°C	+80
Relative humidity			
		%	±1 digit 60%...90% R.H.
Protection degree			
			IP54

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 61000-6-2

IEC/EN 61000-6-3

IEC/EN 61010-1

UL508

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC002292 -
Ampere meter
for installation