



Metering  
instruments -  
Ammeter  
DMK71R1  
3

Product designation

Product type designation

DIN rail module number

#### Auxiliary supply $U_s$

Auxiliary rated supply voltage AC	VAC	220...240
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Operational frequency

min	Hz	50
max	Hz	60

Power consumption

Max	VA	3.6
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Power dissipation Max

W	1.8
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#### Current inputs

Rated current ( $I_e$ )	A	5
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Measurement range	0.05...6
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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%  $I_e$

#### Accuracy

Current	$\pm 0.5\%$ f.s. $\pm 1$ digit
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#### Insulations

Rated insulation voltage $U_i$ IEC/EN	V	415
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#### Mechanical features

Housing type	Polyamide
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Terminals type	Fixed
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Conductor cross section

min	mm <sup>2</sup>	0.2
Max	mm <sup>2</sup>	4
min	AWG	24
Max	AWG	12

Tightening torque (Max)

Nm	0.5
lbin	4.5

Fixing	Din rail
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Weight	g	272
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#### Ambient conditions

Temperature

Operating temperature

min	°C	-20
max	°C	+60

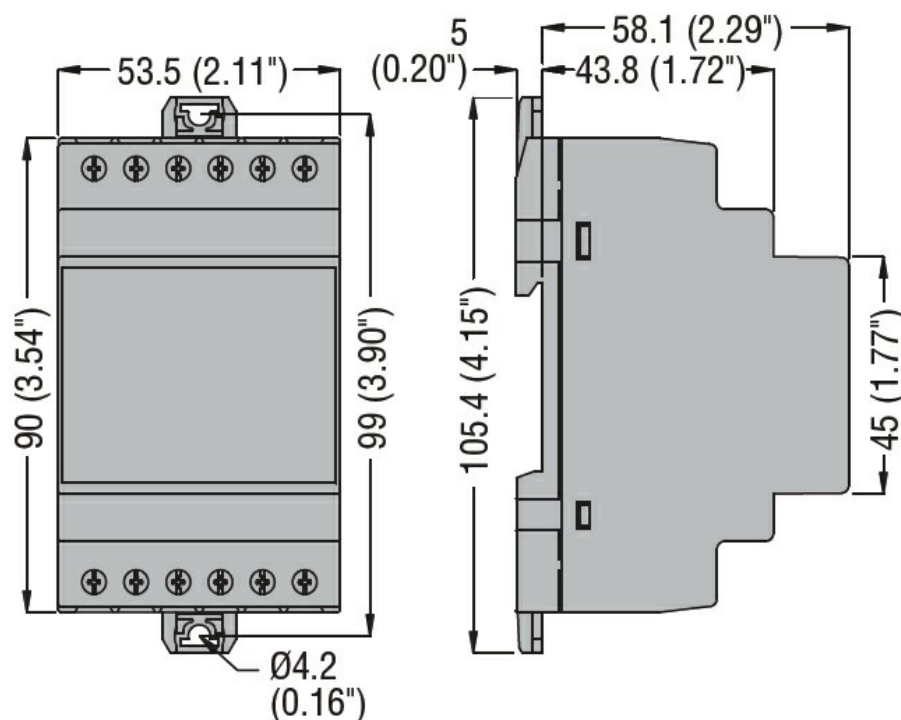
Storage temperature

min	°C	-30
max	°C	+80

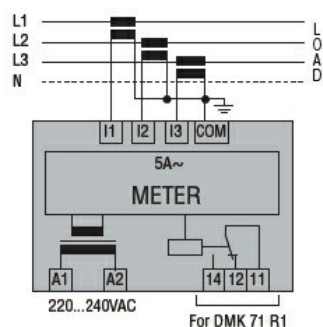
Protection degree

IP40

## Dimensions



## Wiring diagrams



## Certifications and compliance

Compliance

IEC/EN 61000-6-2

IEC/EN 61000-6-3

IEC/EN 61010-1

Certificates

EAC

## ETIM classification

ETIM 8.0

EC002292 -  
Ampere meter  
for installation