



#### Auxiliary supply $U_s$

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 |
|---|-----|

#### Measuring voltage inputs

Rated voltage ( $U_e$ )

|               |     |     |
|---------------|-----|-----|
| phase-phase   | VAC | 600 |
| phase-neutral | VAC | 347 |

Operating voltage range

|               |     |          |
|---------------|-----|----------|
| phase-phase   | VAC | 35...660 |
| phase-neutral | VAC | 20...382 |

Voltage inputs operational frequency

|     |    |    |
|-----|----|----|
| min | Hz | 45 |
| max | Hz | 66 |

Voltage inputs measurement method

True RMS

#### Current inputs

Rated current ( $I_e$ )

|   |   |
|---|---|
| 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%  $I_e$

#### Accuracy

|              |                                 |
|--------------|---------------------------------|
| VLN voltage  | $\pm 0.25\%$ f.s. $\pm 1$ digit |
| VLL voltage  | $\pm 0.25\%$ f.s. $\pm 1$ digit |
| Current      | $\pm 0.5\%$ f.s. $\pm 1$ digit  |
| Frequency    | $\pm 1$ digit                   |
| Active power | $\pm 1\%$ f.s. $\pm 1$ digit    |

#### Insulations

Rated insulation voltage  $U_i$  IEC/EN

|   |     |
|---|-----|
| V | 600 |
|---|-----|

#### Mechanical features

Housing type

Polyamide

Terminals type

Fixed

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

Weight

|   |     |
|---|-----|
| q | 280 |
|---|-----|

## Temperature

Operating temperature

|     |    |     |
|-----|----|-----|
| min | °C | -20 |
| max | °C | +60 |

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Storage temperature

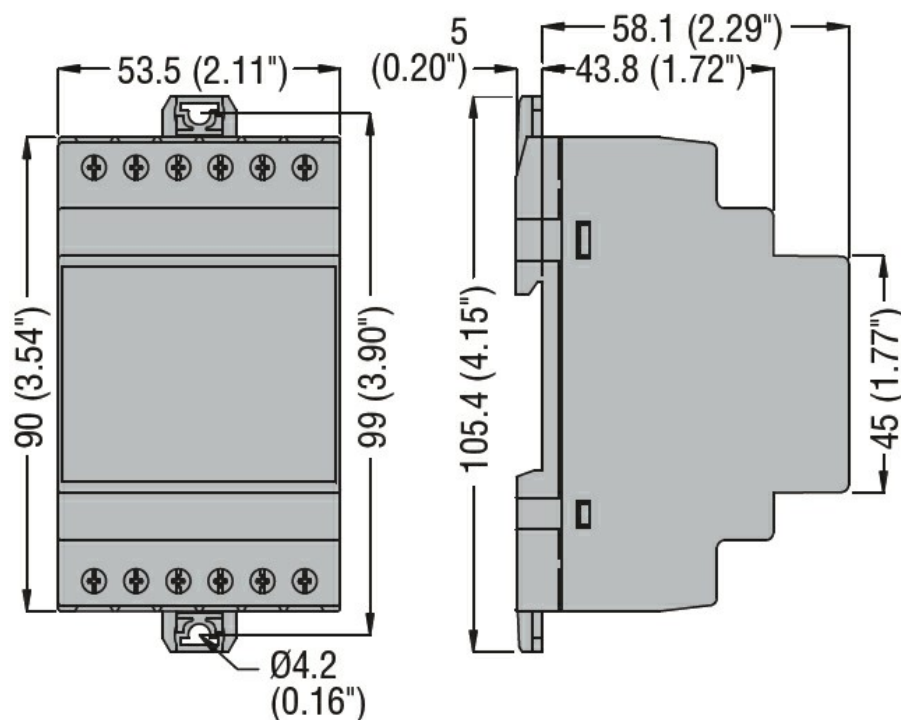
|     |    |     |
|-----|----|-----|
| min | °C | -30 |
| max | °C | +80 |

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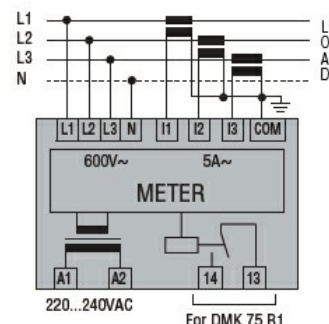
Protection degree

IP40

## Dimensions



## Wiring diagrams



## Certifications and compliance

## Compliance

COMBINED VOLTMETER, AMMETER AND WATTMETER, THREE-PHASE, 3 PHASE VOLTAGE  
VALUES, 3 PHASE TO PHASE VOLTAGE VALUES, 3 PHASE CURRENT VALUES, 4 ACTIVE  
POWER VALUES, PHASE AND TOTAL, 3 MAXIMUM PHASE VOLTAGE VALUES, 3 MAXIMUM  
PHASE TO PHASE VOLTAGE VALUES, 3 MAXIMUM PHASE CURRENT VALUES, 4MAX ACTIVE  
POWER, PHASE AND TOTAL, 3 MINIMUM PHASE VOLTAGE VALUES, 3 MINIMUM PHASE TO  
IEC/EN 61000-6-2  
IEC/EN 61000-6-3  
IEC/EN 61010-1

EAC

ETIM classification

ETIM 8.0

EC002306 -  
Voltmeter for  
installation