

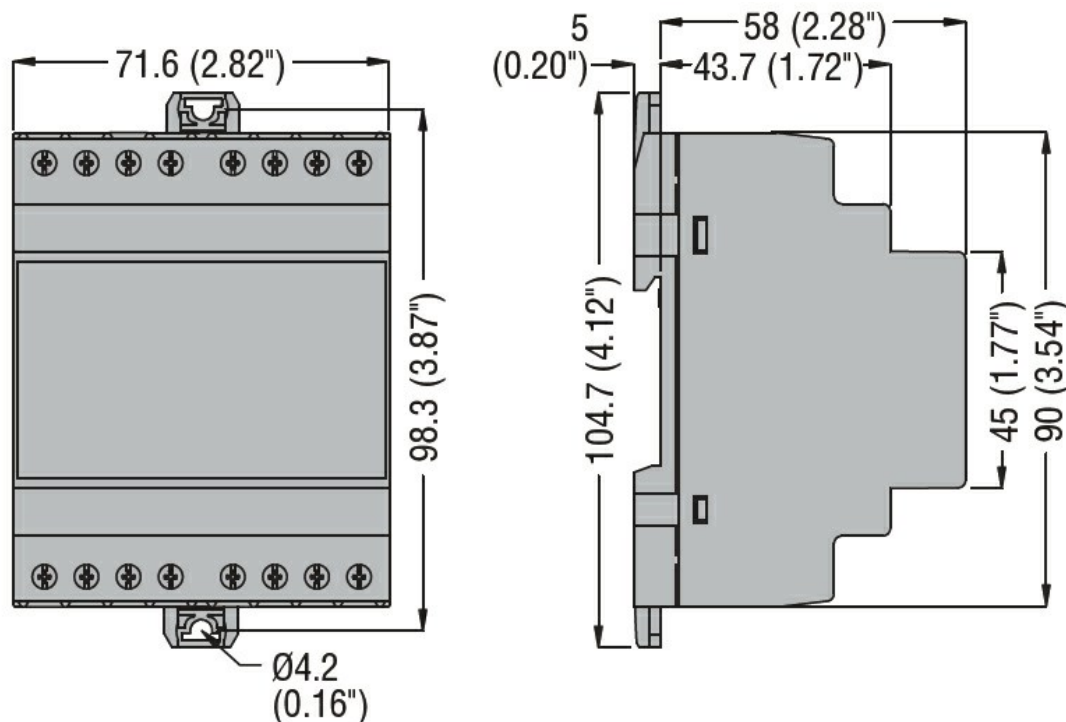


|                                       |  |  |                   |                           |                           |
|---------------------------------------|--|--|-------------------|---------------------------|---------------------------|
| Product designation                   |  |  | Data concentrator |                           |                           |
| Product type designation              |  |  | DMECD             |                           |                           |
| DIN rail module number                |  |  | 4                 |                           |                           |
| Auxiliary supply Us                   |  |  |                   |                           |                           |
| Auxiliary rated supply voltage DC     |  |  | VDC               | 110...250                 |                           |
| Auxiliary operating voltage range     |  |  |                   |                           |                           |
| AC                                    |  |  | min               | VAC                       | 85                        |
|                                       |  |  | Max               | VAC                       | 264                       |
| DC                                    |  |  |                   |                           |                           |
|                                       |  |  | min               | VDC                       | 93.5                      |
|                                       |  |  | Max               | VDC                       | 300                       |
| Operational frequency                 |  |  |                   |                           |                           |
|                                       |  |  | min               | Hz                        | 50                        |
|                                       |  |  | max               | Hz                        | 60                        |
| Power consumption                     |  |  |                   |                           |                           |
|                                       |  |  | Max               | VA                        | 8.8                       |
| Power dissipation Max                 |  |  | W                 | 3.6                       |                           |
| Accuracy                              |  |  |                   |                           |                           |
|                                       |  |  | Active energy     |                           | Class 1 (IEC/EN 62053-21) |
| RS485 serial interface                |  |  |                   |                           |                           |
| Baud rate                             |  |  | bps               | Programmable 1200...38400 |                           |
| Insulations                           |  |  |                   |                           |                           |
| Rated insulation voltage Ui IEC/EN    |  |  | V                 | 250                       |                           |
| Rated impulse withstand voltage Uimp  |  |  | kV                | 6.5                       |                           |
| Operating frequency withstand voltage |  |  | kV                | 3.6                       |                           |
| Mechanical features                   |  |  |                   |                           |                           |
| Housing type                          |  |  | Polyamide         |                           |                           |
| Terminals type                        |  |  | Fixed             |                           |                           |
| Conductor cross section               |  |  |                   |                           |                           |
|                                       |  |  | min               | mm²                       | 0.2                       |
|                                       |  |  | Max               | mm²                       | 4                         |
|                                       |  |  | min               | AWG                       | 24                        |
|                                       |  |  | Max               | AWG                       | 12                        |
| Tightening torque (Max)               |  |  |                   |                           |                           |
|                                       |  |  | Nm                | 0.8                       |                           |
|                                       |  |  | lbin              | 7                         |                           |
| Fixing                                |  |  | Din rail          |                           |                           |
| Weight                                |  |  | g                 | 337                       |                           |
| Ambient conditions                    |  |  |                   |                           |                           |
| Temperature                           |  |  |                   |                           |                           |
| Operating temperature                 |  |  | min               | °C                        | -20                       |

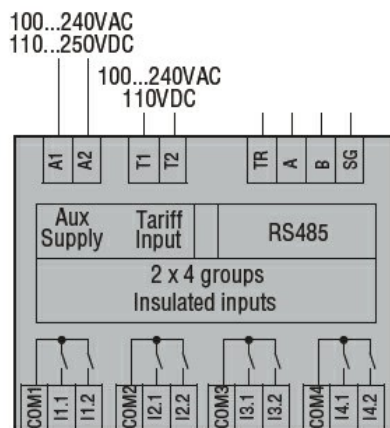
数据集中器, 可扩展, 带8路可设置数字量输入, 4U, 可扩展, RS485端口, 用于来自DMEM100T1和DMED...的数据收集以及脉冲计数

|                          |     |    |     |
|--------------------------|-----|----|-----|
|                          | max | °C | +60 |
| Storage temperature      | min | °C | -30 |
|                          | max | °C | +80 |
| Relative humidity        |     | %  | <90 |
| Maximum Pollution degree |     |    | 2   |

## Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN 61000-6-2

IEC/EN 61000-6-3

IEC/EN 61010-1

### Certificates

cULus

EAC

## ETIM classification

ETIM 8.0

EC002300 -  
Impulse meter  
for installation

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