DMECD



DATA CONCENTRATOR, EXPANDABLE, WITH 8 PROGRAMMABLE DIGITAL INPUTS, 4U, EXPANDABLE, RS485 PORT, FOR DATA COLLECTION+PULSE COUNT FROM DMEM100T1 AND DMED...



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|---|---------------|---|--|
| Product designation | | | Data concentrator |
| Product type designation | | | DMECD |
| DIN rail module number | | | 4 |
| Auxiliary supply Us | | | |
| Auxiliary rated supply voltage DC | | VDC | 110250 |
| Auxiliary operating voltage range | | | |
| AC | | | |
| | min | VAC | 85 |
| | Max | VAC | 264 |
| DC | IVIAX | VAO | 204 |
| | min | VDC | 93.5 |
| | Max | VDC | 300 |
| Operational frequency | Ινίαλ | VDC | 500 |
| Operational mequency | min | Hz | 50 |
| | | Hz | 60 |
| Power concumption | max | ΠZ | 60 |
| Power consumption | | \ /A | 0.0 |
| Den en Perforte Ma | Max | VA | 8.8 |
| Power dissipation Max | | W | 3.6 |
| Accuracy | | | |
| | Active energy | | Class 1 (IEC/EN 62053-21) |
| | | | |
| RS485 serial interface | | | |
| RS485 serial interface Baud rate | | bps | Programmable 120038400 |
| | | bps | |
| Baud rate | | bps V | |
| Baud rate | | | 120038400 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp | | V | 120038400 250 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN | | V kV | 120038400 250 6.5 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features | | V kV | 120038400 250 6.5 3.6 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type | | V kV | 120038400 250 6.5 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type | | V kV | 120038400 250 6.5 3.6 Polyamide |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type | | V kV kV | 120038400 250 6.5 3.6 Polyamide Fixed |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type | min Max | V kV kV | 120038400 250 6.5 3.6 Polyamide Fixed 0.2 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type | Max | V kV kV mm ² | 120038400 250 6.5 3.6 Polyamide Fixed 0.2 4 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type | Max min | V kV kV mm ² AWG | 120038400 250 6.5 3.6 Polyamide Fixed 0.2 4 24 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type Conductor cross section | Max | V kV kV mm ² | 120038400 250 6.5 3.6 Polyamide Fixed 0.2 4 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type | Max min | V kV kV mm ² AWG AWG | 120038400 250 6.5 3.6 Polyamide Fixed 0.2 4 24 12 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type Conductor cross section | Max min | V kV kV mm ² AWG AWG | 120038400 250 6.5 3.6 Polyamide Fixed 0.2 4 24 12 0.8 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type Conductor cross section | Max min | V kV kV mm ² AWG AWG | 120038400 250 6.5 3.6 Polyamide Fixed 0.2 4 24 12 0.8 7 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type Conductor cross section Tightening torque (Max) Fixing | Max min | V kV kV mm ² AWG AWG AWG Nm Ibin | 120038400 250 6.5 3.6 Polyamide Fixed 0.2 4 24 12 0.8 7 Din rail |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type Conductor cross section Tightening torque (Max) Fixing Weight | Max min | V kV kV mm ² AWG AWG | 120038400 250 6.5 3.6 Polyamide Fixed 0.2 4 24 12 0.8 7 |
| Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type Conductor cross section Tightening torque (Max) Fixing | Max min | V kV kV mm ² AWG AWG AWG Nm Ibin | 120038400 250 6.5 3.6 Polyamide Fixed 0.2 4 24 12 0.8 7 Din rail |

Operating temperature

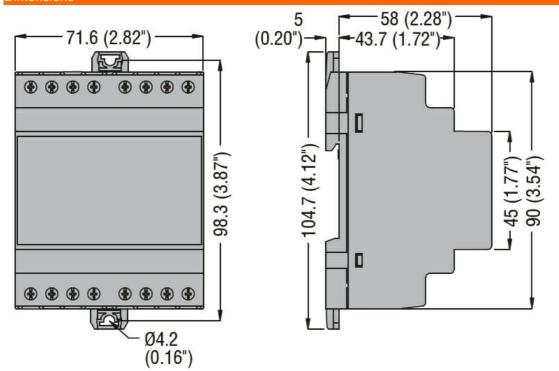
min °C -20



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

Dimensions



Wiring diagrams

| 100 110 | 240VA 250VD 10 | C C 0240VA 110VDC | ю | |
|------------|----------------------|----------------------------|--|---|
| A1 | A2 | 11 | TR A B SG |] |
| Si | Aux Jpply | Tariff Input | RS485 | |
| | | 2 x 4 g Insulated | | |
| COMI | 11.2 | COM2 12.1 | COM3 13.1 13.2 13.2 14.1 14.1 | |

| Certifications and com | pliance | |
|------------------------|------------------|------------------|
| Compliance | | |
| | IEC/EN 61000-6-2 | |
| | IEC/EN 61000-6-3 | |
| | IEC/EN 61010-1 | |
| Certificates | | |
| | cULus | |
| | EAC | |
| ETIM classification | | |
| | | EC002300 - |
| ETIM 8.0 | | Impulse meter |
| | | for installation |

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