

Mini compact distribution board, 1-row 2 SU, IP30



Part no. MINI-2-T  
177071  
EL Number 1702976  
(Norway)

|  |  |  |
|--|--|--|
| General specifications   |  |  |
| Product name   |  | Eaton xComfort Micro/Mini mini series                                |
| Part no.   |  | MINI-2-T   |
| EAN  |  | 4015081715145  |
| Product Length/Depth   |  | 83 millimetre  |
| Product height   |  | 140 millimetre   |
| Product width  |  | 53 millimetre  |
| Product weight   |  | 0.09 kilogram  |
| Compliances  |  | RoHS conform   |
| Certifications   |  | IEC/EN 62208   |
| Product Tradename  |  | xComfort Micro/Mini  |
| Product Type   |  | Mini series  |
| Product Sub Type   |  | None   |
| Delivery program   |  |  |
| Type   |  | Basic device Installation distribution board MINI distribution board |
| Application  |  | Indoor (installation site)   |
| Color  |  | Signal white (RAL 9003)<br>White                                     |
| Technical Data - Electrical  |  |  |
| Voltage rating at AC   |  | 400 V AC   |
| Frequency rating of contacts   |  | 50 Hz  |
| Technical Data - Mechanical  |  |  |
| Closure type   |  | Other  |
| Enclosure material   |  | Plastic  |
| Width in number of modular spacings  |  | 2  |
| Mounting method  |  | DIN-rail<br>Surface mounted (plaster)<br>Surface mounting            |
| Material   |  | ABS (plastic)  |
| Degree of protection   |  | IP30<br>IK05 (impact resistance)                                     |
| Number of module space units per row   |  | 2  |
| Number of rows   |  | 1  |
| Terminal type  |  | Without terminals  |
| Built-in depth   |  | 70 mm  |
| Built-in height  |  | 0 mm   |
| Built-in width   |  | 0 mm   |
| Internal depth   |  | 60 mm  |
| Cover/door color   |  | Transparent  |
| Cover/door model   |  | Closed   |
| Cover/door type  |  | Door<br>Single   |
| Module rack type   |  | Single-rail  |
| Protective shrouding material  |  | Plastic  |
| Temperature-rise verification as per IEC 60890                                 |  |  |
| Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890) |  | 10 W   |
| Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890) |  | 12 W   |
| Design verification as per IEC/EN 61439 - technical data                       |  |  |
| Ambient operating temperature details  |  | -5 °C - 40 °C  |

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|--|--|--|--|
| <b>Design verification as per IEC/EN 61439</b>                                   |  |  |  |
| 10.2.2 Corrosion resistance  |  |  | Meets the product standard's requirements.   |
| 10.2.3.1 Verification of thermal stability of enclosures                         |  |  | Meets the product standard's requirements.   |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat       |  |  | Meets the product standard's requirements.   |
| 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects |  |  | 650 °C; meets the product standard's requirements.   |
| 10.2.4 Resistance to ultra-violet (UV) radiation                                 |  |  | Not relevant to indoor installations.  |
| 10.2.5 Lifting   |  |  | Does not apply to enclosures without lifting aids.   |
| 10.2.6 Mechanical impact   |  |  | IK05   |
| 10.2.7 Inscriptions  |  |  | Meets the product standard's requirements.   |
| 10.3 Degree of protection of assemblies  |  |  | IP30   |
| 10.4 Clearances and creepage distances   |  |  | Is the panel builder's responsibility.   |
| 10.5 Protection against electric shock   |  |  | Protection class 2, therefore not applicable.  |
| 10.6 Incorporation of switching devices and components                           |  |  | Is the panel builder's responsibility.   |
| 10.7 Internal electrical circuits and connections                                |  |  | Is the panel builder's responsibility.   |
| 10.8 Connections for external conductors   |  |  | Is the panel builder's responsibility.   |
| 10.9.2 Power-frequency electric strength   |  |  | Ui = 400 V AC  |
| 10.9.3 Impulse withstand voltage   |  |  | 2.8 kV   |
| 10.9.4 Testing of enclosures made of insulating material                         |  |  | Meets the product standard's requirements.   |
| 10.10 Temperature rise   |  |  | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating   |  |  | Is the panel builder's responsibility.   |
| 10.12 Electromagnetic compatibility  |  |  | Is the panel builder's responsibility.   |
| 10.13 Mechanical function  |  |  | Meets the product standard's requirements.   |
| <b>Additional information</b>  |  |  |  |
| Features   |  |  | EMC-version  |
| Fitted with:   |  |  | Basic device   |
| Functions  |  |  | Basic device   |
| Protection class   |  |  | II (totally insulated)   |
| RAL-number   |  |  | 9003   |
| Special features   |  |  | IP30 Protection Class II Plastic housing white (RAL 9003)  |
| Used with  |  |  | Basic device<br>MINI distribution board<br>Installation distribution board   |

## Technical data ETIM 9.0

|   |  |    |                 |
|---|--|----|-----------------|
| Distribution boards (EG000023) / Small distribution board (EC000214)  |  |    |                 |
| Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (including small distribution board) / Small distribution board (ecI@ss13-27-14-24-09 [ACN387016]) |  |    |                 |
| Mounting method   |  |    | Surface mounted |
| Number of rows  |  |    | 1               |
| Width in number of modular spacings   |  |    | 2               |
| Type of covering  |  |    | Door            |
| Cover model   |  |    | Closed          |
| Type of door  |  |    | Single          |
| Transparent cover/door  |  |    | Yes             |
| Signal passing door   |  |    | No              |
| With lock   |  |    | No              |
| Type of closure   |  |    | Other           |
| Housing material  |  |    | Plastic         |
| Built-in depth  |  | mm | 70              |
| Built-in height   |  | mm | 0               |
| Built-in width  |  | mm | 0               |
| Inner depth   |  | mm | 60              |
| Earthing terminal block   |  |    | No              |
| Neutral terminal block  |  |    | No              |
| DIN-rail  |  |    | Yes             |

|                           |  |    |       |
|---------------------------|--|----|-------|
| With mounting plate       |  |    | No    |
| Extension possible        |  |    | No    |
| EMC-version               |  |    | Yes   |
| UV resistant              |  |    | No    |
| Colour                    |  |    | White |
| RAL-number                |  |    | 9003  |
| Degree of protection (IP) |  |    | IP30  |
| Height                    |  | mm | 140   |
| Width                     |  | mm | 53    |
| Depth                     |  | mm | 83    |