

Part no. C445MA-032A  
Article no. 181556  
Catalog No. C445MA-032A

## Delivery program


|                |  |    |  |
|----------------|--|----|--|
| Product range  |  |    | Measurement modules                                      |
| Basic function |  |    | Current measurement<br>Voltage measurement<br>Thermistor |
| Current range  |  | A  | 4 - 32   |
| Mounting width |  | mm | 45   |

## Technical data

### General

|                             |  |    |   |
|-----------------------------|--|----|---|
| Standards                   |  |    | IEC/EN 60947-4-1, UL 60947-4-1              |
| Ambient temperature         |  |    |   |
| Open                        |  | °C | -40 - +60                                   |
| Mounting position           |  |    | As required                                 |
| Mechanical shock resistance |  | g  | 15<br>Shock duration 11 ms<br>non-operating |
| Degree of Protection        |  |    | IP20  |

### Main conducting paths

|  |   |      |           |
|--|---|------|-----------|
| Rated insulation voltage                             | $U_i$   | V AC | 110 - 690 |
| Short-circuit protection max. fuse gL-characteristic |   | A gL | 125       |
| Current heat loss (3 conductors)                     |   |      |           |
| Maximum setting                                      |   | W    | 5         |
| Push-through opening                                 |  | mm   | 7.8       |

## Design verification as per IEC/EN 61439

|  |          |    |     |
|--|----------|----|-----|
| Technical data for design verification         |          |    |     |
| Static heat dissipation, non-current-dependent | $P_{vs}$ | W  | 5   |
| Operating ambient temperature min.             |          | °C | -40 |
| Operating ambient temperature max.             |          | °C | 60  |

## Technical data ETIM 6.0

|   |  |    |                                |
|---|--|----|--------------------------------|
| Low-voltage industrial components (EG000017) / Current transformer (EC002048)   |  |    |                                |
| Electric engineering, automation, process control engineering / Signal processing / Transformer / Current transformer (ecl@ss8.1-27-21-09-02 [AAB626011]) |  |    |                                |
| Model   |  |    | Through-feed current converter |
| Primary rated current   |  | A  | 32                             |
| Secondary rated current   |  | A  | 0                              |
| Secondary rated apparent power  |  | VA | 0                              |
| Accuracy class  |  |    | 2                              |
| Over voltage limiting factor  |  |    | -                              |
| Calibrated  |  |    | No                             |
| With shock protection   |  |    | Yes                            |
| Opening height  |  | mm | 7,8                            |
| Opening width   |  | mm | 7,8                            |
| Opening diameter  |  | mm | 7,8                            |
| Snap mounting   |  |    | Yes                            |
| With copper rail  |  |    | No                             |
| Secondary connection  |  |    | Plug-in connection             |
| Number of primary inputs  |  |    | 3                              |

