

1524438

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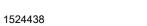
Housing frame, Hinged cover (transparent), color: light gray (similar RAL 7035)

### Your advantages

- · Convenient operation during device installation and maintenance thanks to optional hinges on the housing cover
- · Flexible mounting thanks to the optional adapter plate
- · Safe operation with the right degree of protection
- · Individualized product selection due to the modular system
- Optimized PCB installation: PCB can be installed in a nearly horizontal orientation thanks to the angled housing edge

### Commercial data

| Item number                          | 1524438       |
|--------------------------------------|---------------|
| Packing unit                         | 5 pc          |
| Minimum order quantity               | 5 pc          |
| Sales key                            | AC04          |
| Product key                          | ACFFAB        |
| GTIN                                 | 4063151990572 |
| Weight per piece (including packing) | 93.7 g        |
| Weight per piece (excluding packing) | 64.97 g       |
| Customs tariff number                | 84879090      |
| Country of origin                    | DE            |



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### Technical data

#### Notes

| Assembly note  | Please observe the assembly instructions available in the download area.        |
|----------------|---|
| Recommendation | Further information and detailed dimensions are available in the download area. |

### Product properties

| Product type                 | Cover         |
|------------------------------|---------------|
| Housing type                 | Field housing |
| Housing series               | MCS           |
| Product family               | MCS-156X127   |
| Ventilation openings present | no            |

### **Dimensions**

| Dimensional drawing | w d                           |
|---------------------|-------------------------------|
| Dimensions          | 157.2 mm x 128.2 mm x 13.4 mm |
|                     | 134.2 mm x 97.4 mm x 8.7 mm   |

### Material specifications

| Color (Housing)                        | light gray (RAL 7035) |
|--|-----------------------|
| Color (Window)                         | transparent           |
| Material Housing                       | PA-GF                 |
| Material                               | PC                    |
| Flammability rating according to UL 94 | V0                    |
| CTI according to IEC 60112             | 600                   |

### Environmental and real-life conditions

#### Vibration test

| Specification          | IEC 60068-2-6:2007-12   |
|------------------------|-------------------------|
| Frequency              | 10 - 150 - 10 Hz        |
| Sweep speed            | 1 octave/min            |
| Amplitude              | 0.15 mm (10 Hz 58.1 Hz) |
| Acceleration           | 2g (58.1 Hz 150 Hz)     |
| Test duration per axis | 2.5 h                   |
| Test directions        | X-, Y- and Z-axis       |

#### Glow-wire test



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| Specification   | IEC 60695-2-11:2021-10                        |
|---|---|
| Temperature   | 850 °C  |
| Time of exposure  | 30 s  |
| Thermal stability / ball thrust test                          |   |
| Specification   | IEC 60695-10-2:2014-02                        |
| Temperature   | 125 °C  |
| Test duration   | 1 h   |
| Force   | 20 N  |
| Mechanical strength / tumbling barrel                         |   |
| Specification   | IEC 60068-2-31:2008-05                        |
| Height of fall  | 50 cm   |
| Frequency   | 10  |
| Shocks  |   |
| Specification   | IEC 60068-2-27:2008-02                        |
| Pulse shape   | Half-sine                                     |
| Acceleration  | 15g   |
| Shock duration  | 11 ms   |
| Number of shocks per direction                                | 3   |
| Test directions   | X-, Y- and Z-axis (pos. and neg.)             |
| Test for substances that would hinder coating with paint or v | varnish                                       |
| Specification   | VDMA 24364:2018-05                            |
| Result  | Test passed                                   |
| Ambient conditions  |   |
| Ambient temperature (operation)                               | -40 °C 85 °C (depending on power dissipation) |
| Ambient temperature (storage/transport)                       | -40 °C 55 °C                                  |
| Ambient temperature (assembly)                                | -5 °C 85 °C                                   |
| Relative humidity (storage/transport)                         | 80 %  |
| ounting   |   |
| Mounting type   | Latching                                      |
| Mounting position   | any   |
| ackaging specifications                                       |   |
| Type of packaging   | Box packaging                                 |
| 71 1   1  |   |

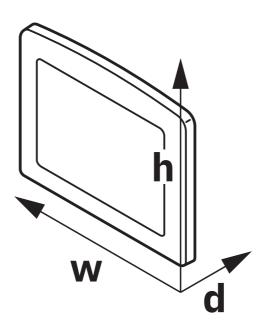
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### Drawings

### Dimensional drawing



Schematic representation – for additional information, see product range drawing in the Download Center



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### Classifications

ETIM 9.0

### **ECLASS**

|    | ECLASS-13.0 | 27190605 |
|----|-------------|----------|
|    | ECLASS-15.0 | 27190605 |
| ET | ТМ          |          |

EC002779



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### Environmental product compliance

#### EU RoHS

| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
|---|--|
| China RoHS                              |  |
| Environment friendly use period (EFUP)  | EFUP-E                                   |
|   | No hazardous substances above the limits |
| EU REACH SVHC                           |  |
| REACH candidate substance (CAS No.)     | No substance above 0.1 wt%               |

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