

RA MCZ1.5 DKBG 1674**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Open miniature housing in modular terminal format with five tension clamp connections. A transparent hinged top plate can be used for labelling and provides access to potentiometer and status displays. Plug-in cross-connectors can be used to interconnect the three top connections. A cover plate for closing off the housing is also available.

General ordering data

| | |
|------------|--|
| Version | Mounting rail housing, OMNIMATE Housing - TERMINALBOX grey-beige, Extension frame, Width: 8.5 mm |
| Order No. | 2224240000 |
| Type | RA MCZ1.5 DKBG 1674 |
| GTIN (EAN) | 4032248126262 |
| Qty. | 25 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 55.9 mm | Depth (inches) | 2.201 inch |
| Height | 91 mm | Height (inches) | 3.583 inch |
| Width | 8.5 mm | Width (inches) | 0.335 inch |
| Net weight | 8.612 g | | |

Temperatures

| | | | |
|-----------------------|------------------|---------------------------------|---|
| Storage temperature | -25 °C...55 °C | Humidity at storage temperature | 80 % relative humidity (without condensation) |
| Operating temperature | -50 °C... 120 °C | Installation temperature | -25 °C... 120 °C |

Material data

| | | | |
|----------------------------------|-----------|---------------------------|-------|
| Comparative Tracking Index (CTI) | 600 ≤ CTI | Insulating material | PA 66 |
| Insulating material group | I | UL 94 flammability rating | V-0 |

General data

| | | | |
|-------------------|-------------------------|----------------------|-----|
| Colour | grey-beige | Encapsulation option | Yes |
| Protection degree | IP20 in installed state | | |

Design - IN requirements

| | | | |
|--------------------------------------|---------|-----------------------------|------|
| PCB thickness | 1 mm | Tolerance for the PCB shape | ±0.1 |
| Tolerance of circuit board thickness | ±0.1 mm | | |

Individualization options

| | | | |
|--------------------------------------|-----------------|------------------------------------|----|
| Alternative colours | More on request | Customer specific cutouts possible | No |
| Customer specific labelling possible | No | | |

Assembly properties

| | | | |
|--|------|--|-----------------------------|
| Number of connection levels | 2 | Number of PCBs, max. | 1 |
| Continuous current of cross-connection | 10 A | Continuous current of cross-connection/PCB | 32 A |
| Cross-connection | Yes | Type of connection | without, Connection element |

Housing properties

| | | | |
|----------------------|-----|----------------------|-----|
| Flip cover mountable | Yes | Marker integrateable | Yes |
|----------------------|-----|----------------------|-----|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 7.0 | EC001031 | ETIM 8.0 | EC001031 |
| ETIM 9.0 | EC001031 | ECLASS 11.0 | 27-18-27-92 |
| ECLASS 12.0 | 27-18-27-92 | ECLASS 13.0 | 27-19-06-04 |

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

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Downloads

| | |
|------------------|--|
| Engineering Data | CAD data – PCB contour with soldering pads |
| | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL ANALO.SIGN.CONV. EN |
| | MB DEVICE MANUF. EN |
| | FL MACHINE SAFETY EN |
| | FL 72H SAMPLE SER EN |
| | PO OMNIMATE EN |
| | PO OMNIMATE EN |

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Drawings

Mounting with
8857560000 MCZ 5

