

## Junction box

# WKE 6 - 16 x 1,5<sup>2</sup>



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### Junction box

Productnumber: 86851601

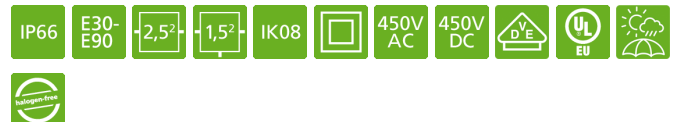
Dimensions: 200 x 250 x 120 mm

Junction box, protection class IP66,  $U_i=450$  V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), M20/M25/M32/M40, (4 rear, 12 side), external fixing lugs, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder

**orange, Connection box, 16-pole, 0.5 - 2.5 mm<sup>2</sup>, junction box 16-pole 0.5 - 1.5 mm<sup>2</sup>, number of clampable conductors per pole:**  
**8 x 0.5<sup>2</sup> / 4 x 0.75<sup>2</sup> / 6 x 1<sup>2</sup> / 6 x 1.5<sup>2</sup> / 2 x 2.5<sup>2</sup>**

#### Accessories supplied:

**Cover retainer, screw anchors, 2 double membrane seals IP66 M20 sealing range 7 - 13 mm, 4 double membrane seals IP66 M25 sealing range 9 - 17 mm, 2 off double membrane seals IP66 M40/4 sealing range 4 x 6 - 9 mm**



## Technical Data

### electrical characteristics

|                                           |             |
|-------------------------------------------|-------------|
| Rated insulation voltage AC:              | 450 V       |
| Rated insulation voltage DC:              | 450 V       |
| Min. conductor cross section:             | 0,5 mm²     |
| max. wire cross section (wire branching): | 1,5 mm²     |
| Min. conductor cross section:             | 0,5 mm²     |
| Max. conductor cross section:             | 2,5 mm²     |
| Protection class:                         | II          |
| Type of protection:                       | IP66        |
| secured junction:                         | no          |
| Circuit integrity class:                  | E30/E60/E90 |
| Number of poles (T-piece):                | 16          |
| Number of poles (feed-through):           | 16          |
| UL Type Rating:                           | other       |
| Number of fuses in T-piece:               | 0           |

### Colours

|                   |        |
|-------------------|--------|
| Base unit colour: | orange |
| Cover colour:     | orange |

### Additional features

|                       |                     |
|-----------------------|---------------------|
| Range of application: | Communication wires |
|-----------------------|---------------------|

### Dimensions

|               |          |
|---------------|----------|
| Width:        | 200 mm   |
| Length:       | 250 mm   |
| Height:       | 120 mm   |
| Inner length: | 235 mm   |
| Inner width:  | 185 mm   |
| Inner height: | 102 mm   |
| Weight:       | 1.356 kg |

### Material characteristics

|                                                    |        |
|----------------------------------------------------|--------|
| UV-resistant:                                      | yes    |
| Halogen free:                                      | yes    |
| Flammability class according with UL94:            | V0     |
| Glow-wire flammability according to EN 60695-2-11: | 960 °C |

### mechanical properties

|                    |                       |
|--------------------|-----------------------|
| Type of fastening: | Wall/ceiling mounting |
| Impact strength:   | IK08                  |
| Sealable:          | yes                   |
| Fastening:         | external fixing lugs  |

### Ambient conditions

|                              |                         |
|------------------------------|-------------------------|
| max. relative humidity 25°C: | 95 %                    |
| max. relative humidity 40°C: | 50 %                    |
| Min. ambient temperature:    | -35 °C                  |
| Max. ambient temperature:    | 80 °C                   |
| 24h ambient temperature:     | 60 °C                   |
| Installation location:       | protected outdoor areas |

### Sales Information

|                       |               |
|-----------------------|---------------|
| EAN:                  | 4013902631384 |
| Packing Unit Code:    | C62           |
| ETIM Class:           | EC002600      |
| Custom tariff number: | 85369095      |

### Material

|                       |                     |
|-----------------------|---------------------|
| Base unit material:   | Polycarbonate       |
| Cover material:       | Polycarbonate       |
| Sealing material:     | Polyurethane        |
| Cover screw material: | Stainless steel V2A |

## Certificates

|            |                                           |
|------------|-------------------------------------------|
| Test mark: | VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)) |
| Test mark: | UL-EU (EN 62208)                          |

## Accessories

- [26062001 - DMS M20/or - Double-membrane seals](#)
- [26062501 - DMS M25/or - Double-membrane seals](#)
- [26063201 - DMS M32/or - Double-membrane seals](#)
- [26063301 - DMS M32/4 or - Double-membrane seals](#)
- [26064001 - DMS M40/or - Double-membrane seals](#)
- [26064101 - DMS M40/4 or - Double-membrane seals](#)
- [22762001 - KVR M20-MGM/or - Cable gland](#)
- [22762501 - KVR M25-MGM/or - Cable gland](#)
- [22763201 - KVR M32-MGM/or - Cable gland](#)
- [22764001 - KVR M40-MGM/or - Cable gland](#)
- [86310001 - WKE BK 1 - Mounting plate](#)

## Cable gland

