



## CABLE JUNCTION BOX

# WKE 5 - 20 x 6<sup>2</sup>

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### Cable junction box

#### CUSTOMIZE

171 x 256 x 106 mm  
Article number: 86050520

Junction box with IP54 / IP65 certified as per EN 60670, with electrical functional integrity E30 - E90 acc. to DIN 4102-12, halogen-free enclosure made from special duroplastic, terminals made from high temperature-proof special ceramics, rapid mounting thanks to external fixing brackets and wall + ceiling fastening parts kit D6

Connection box 2 x 10-pole 0.5 - 6 mm<sup>2</sup>, Number of 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> / 2 x 4<sup>2</sup> / 2 x 6<sup>2</sup>, Accessories supplied: 6 IP54 attachment bushes M20, seal range 8 - 13 mm, 2 IP54 attachment bushes M40, seal range 17 - 30 mm, 2 IP54 double end connectors M40, seal range 17 - 30 mm, 1 IP54 sealing plug M20, seal range 8 - 13.5 mm, 1 IP54 sealing plug M40, seal range 17 - 30 mm, Drilling template, D6 wall + ceiling attachment set



## Technical data

### Measures

|         |        |
|---------|--------|
| Width:  | 171 mm |
| Length: | 256 mm |
| Height: | 106 mm |

### Material:

|              |                     |
|--------------|---------------------|
| Box:         | Duroplastic         |
| Cover:       | Duroplastic         |
| Sealing:     | Polyurethane        |
| Cover screw: | stainless steel V2A |
| material:    | Duroplastic         |

## Certificates



## Accessory

AST M40/or - Attachment bushes

KVR M40-MGM/or - Cable gland

VST M40/or - Sealing plugs

AST M32/or - Attachment bushes

VST M32/or - Sealing plugs

KVR M32-MGM/or - Cable gland

AST M20/or - Attachment bushes

KVR M20-MGM/or - Cable gland



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### Other attributes

|                              |                                          |
|------------------------------|------------------------------------------|
| Color:                       | orange                                   |
| Entries:                     | 16                                       |
| Rated cross section:         | 6 mm <sup>2</sup>                        |
| Tackable:                    | No                                       |
| Rated insulation voltage AC: | 450 V                                    |
| Explosion safety:            | none                                     |
| Functional integrity:        | E 90                                     |
| sealable:                    | No                                       |
| Heavy metals-free:           | Yes                                      |
| PVC-free:                    | Yes                                      |
| Silicone-free:               | Yes                                      |
| Ingress protection:          | IP65 - acc. to EN 60529 / DIN VDE 0470-1 |
| weatherproof:                | Yes                                      |
| Cover screw torque:          | 1.8 N m                                  |

KVR M25-MGM/or - Cable gland

VST M20/or - Sealing plugs

AST M25/or - Attachment bushes

VST M25/or - Sealing plugs

### Environmental attributes

|                                           |        |
|-------------------------------------------|--------|
| Ambient temperature (min.):               | -25 °C |
| Ambient temperature (max.):               | 40 °C  |
| Ambient temperature (24 h):               | 35 °C  |
| Max. rel. humidity at 25° C (short term): | 95%    |
| Max. rel. humidity at 40° C:              | 50%    |