



## JUNCTION BOX

# Abox 040-L/w



## Abox 040-L/w

### Junction box

#### CUSTOMIZE

93 x 93 x 55 mm  
Article number: 80460701

Junction box acc. to DIN EN 60670 (VDE 0606),  $U_i=690V$ , with self-sealing, soft inlet membranes, M20, seal range 2 - 16 mm

white, without terminal



## Technical data

### Measures

|         |       |
|---------|-------|
| Width:  | 93 mm |
| Length: | 93 mm |
| Height: | 55 mm |

### Material:

|              |                                        |
|--------------|----------------------------------------|
| Cover:       | polystyrene                            |
| material:    | polystyrene                            |
| Box:         | polystyrene,<br>membrane out of<br>TPE |
| Cover screw: | stainless steel V2A                    |

### Entries

|                             |         |
|-----------------------------|---------|
| Pre-embossings, top:        | 2 x M20 |
| Pre-embossings, left/right: | 2 x M20 |
| Pre-embossings, bottom:     | 1 x M20 |
| Pre-embossings, rear side:  | 1 x M20 |

## Certificates



## Accessory

|                                           |
|-------------------------------------------|
| DMS M20/w - M20, white                    |
| Abox 025/040 KLS-2,5²/4² - Terminal block |
| BST M20/sw - Ventilation seal             |
| Abox PST - Sealing kit                    |
| ADR M20 - Sealing ring                    |
| AST M20 - Attachment bushes               |
| AST M20/or - Attachment bushes            |
| BST M20 - Ventilation seal                |
| DMS M20 - Double-membrane seals           |
| DMS M20/sw - Double-membrane seals        |
| GMU PA M20 - Lock nut                     |
| KS M20 - Combi set                        |
| KVR M20 - Cable gland                     |



## JUNCTION BOX

# Abox 040-L/w

### Other attributes

|                                     |                                          |
|-------------------------------------|------------------------------------------|
| Entries:                            | 8                                        |
| Rated cross section:                | 4 mm <sup>2</sup>                        |
| Tackable:                           | No                                       |
| Rated insulation voltage AC:        | 690 V                                    |
| Explosion safety:                   | none                                     |
| Functional integrity:               | none                                     |
| sealable:                           | Yes                                      |
| Heavy metals-free:                  | Yes                                      |
| PVC-free:                           | Yes                                      |
| Silicone-free:                      | Yes                                      |
| Ingress protection:                 | IP65 - acc. to EN 60529 / DIN VDE 0470-1 |
| weatherproof:                       | No                                       |
| Combustion behaviour acc. to UL 94: | HB acc. UL94                             |
| Combustion behaviour acc. to VDE:   | 650°C acc. VDE 0471/ EN 60695            |
| Equipment:                          | None                                     |
| Color:                              | white                                    |
| Cover screw torque:                 | 1 N m                                    |

KVR M20-GDB - Cable gland

KVR M20-GDB/MGM - Cable gland

KVR M20-GDB/MGM/sw - Cable gland

### 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%    |