

# DB Distribution Box | Split 360° cable entry system

for cables with and without connectors, M32 - M75 / IP54



IP54

Made in  
Germany

ECOLAB  
certified

RoHS  
compliant

REACH  
COMPLIANCE

CALUS

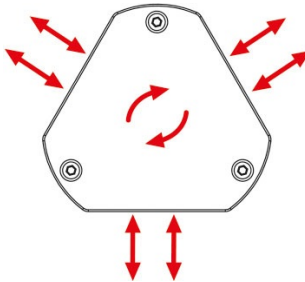
With the distribution box, centrally routed cables can be distributed 360° in all desired directions.

Cables (with and without connectors) with a diameter of 1 to 15 mm can be routed, sealed and strain relieved in accordance with EN 62444.

The distribution box is suitable for metric cut-outs M32 - M75 and can be fixed with a locknut, which is included in the delivery.

When using multi grommets, up to 48 cables can be routed and a high cable density is achieved.

Thanks to the screw mount cover and the use of split cable grommets, retrofits, repairs and maintenance can be done much more easily and quickly.



## Specifications

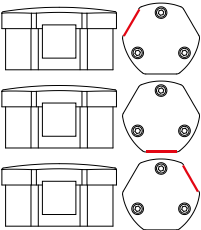
|                       |                                              |
|-----------------------|----------------------------------------------|
| IP rating (EN 60529)  | IP54                                         |
| Material              | Polyamide                                    |
| Operating temperature | -40 C° to 140 C°                             |
| Properties            | vibration proof, silicone free, halogen free |
| Mounting options      | Fasten with locknut                          |

## Advantages & benefits

- Fast and easy assembly
- Easy distribution of cables in a 360° angle
- Warranty on pre-terminated cables remains
- Retrofits, repairs and maintenance can be done much more easily and quickly
- Suitable for metric cut-outs M32 - M75
- Strain relief according to EN 62444
- Use of the proven KT grommet system
- High cable density, wide variety of grommets
- High flexibility with the use of multi-range and IMAS-CONNECT™ adapter grommets
- Hexagonal locknut included in the delivery
- High stability, vibration resistant
- Mechanical protection of the central entry point

## Product types & sizes

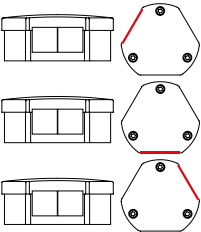
DB 3×1 | M32



|                        |               |
|------------------------|---------------|
| Part No.               | 54300         |
| EAN                    | 4251269332524 |
| Package quantity       | 5             |
| For max. no. of cables | 12            |
| Max. cable diameter    | 15 mm         |
| Length                 | 72 mm         |
| Width                  | 67 mm         |

|                       |              |
|-----------------------|--------------|
| Height                | 53 mm        |
| Mounting height       | 39,4 mm      |
| Cut-out size, metric  | M32          |
| Cut-out size, round   | 32,3 mm      |
| Thread                | M32 x 1,5    |
| Thread length         | 13,6 mm      |
| Suitable for grommets | 3 x KT small |

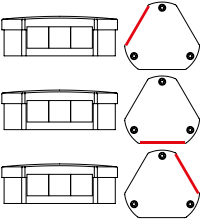
**DB 3×2 | M50**



|                        |                      |
|------------------------|----------------------|
| Part No.               | <b>54301</b>         |
| EAN                    | <b>4251269332531</b> |
| Package quantity       | <b>5</b>             |
| For max. no. of cables | <b>24</b>            |
| Max. cable diameter    | <b>15 mm</b>         |
| Length                 | <b>94,5 mm</b>       |
| Width                  | <b>87 mm</b>         |

|                       |                     |
|-----------------------|---------------------|
| Height                | <b>53 mm</b>        |
| Mounting height       | <b>39,4 mm</b>      |
| Cut-out size, metric  | <b>M50</b>          |
| Cut-out size, round   | <b>50,4 mm</b>      |
| Thread                | <b>M50 × 1,5</b>    |
| Thread length         | <b>13,6 mm</b>      |
| Suitable for grommets | <b>6 x KT small</b> |

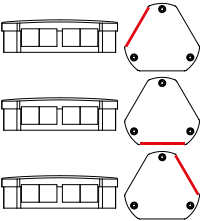
**DB 3×3 | M63**



|                        |                      |
|------------------------|----------------------|
| Part No.               | <b>54302</b>         |
| EAN                    | <b>4251269332548</b> |
| Package quantity       | <b>1</b>             |
| For max. no. of cables | <b>36</b>            |
| Max. cable diameter    | <b>15 mm</b>         |
| Length                 | <b>115 mm</b>        |
| Width                  | <b>104 mm</b>        |

|                       |                     |
|-----------------------|---------------------|
| Height                | <b>53 mm</b>        |
| Mounting height       | <b>39,4 mm</b>      |
| Cut-out size, metric  | <b>M63</b>          |
| Cut-out size, round   | <b>63,4 mm</b>      |
| Thread                | <b>M63 × 1,5</b>    |
| Thread length         | <b>13,6 mm</b>      |
| Suitable for grommets | <b>9 x KT small</b> |

**DB 3×4 | M75**



|                        |                      |
|------------------------|----------------------|
| Part No.               | <b>54303</b>         |
| EAN                    | <b>4251269332555</b> |
| Package quantity       | <b>1</b>             |
| For max. no. of cables | <b>36</b>            |
| Max. cable diameter    | <b>15 mm</b>         |
| Length                 | <b>140 mm</b>        |
| Width                  | <b>125 mm</b>        |

|                       |                      |
|-----------------------|----------------------|
| Height                | <b>53 mm</b>         |
| Mounting height       | <b>39,4 mm</b>       |
| Cut-out size, metric  | <b>M75</b>           |
| Cut-out size, round   | <b>75,5 mm</b>       |
| Thread                | <b>M75 × 1,5</b>     |
| Thread length         | <b>13,6 mm</b>       |
| Suitable for grommets | <b>12 x KT small</b> |