



Cable entry with injected seal, Mounting type: Screws, Length: 98 mm, Width: 39 mm, IP 66, Colour: Black

**RAL:** 9005

### **Business data**

| Article number                             | 28701.4         |
|--|-----------------|
| Article name                               | KDS-SR-FB2/A BK |
| GTIN (EAN)                                 | 4044211225483   |
| Packaging unit                             | 10              |
| Quantity unit                              | PC              |
| Weight per piece (not including packaging) | 35.3 g          |
| Weight per piece (including packaging)     | 40.31 g         |
| Unit of weight                             | G               |
| Customs number                             | 39259020        |
| Country of origin                          | DE              |
| Product description                        | Cable Entry     |
| Colour                                     | Black           |
|  |                 |



## **Technical data**

| Length98 mmLength of wall cutout68 mmWidth39 mmWidth of wall cutout24 mmHeight19 mmInstallation height18.9 mmDiameter of the screw holes5.5 mmMaterialsMaterialMaterialPolyamide 6.6Glass-fibre reinforced✓Flammability class UL 94V-0Working temperature, min.40 °CWorking temperature, max.120 °CSealing materialTPEHalogen-free✓Silicone-free✓Mounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceREACH ConformREACH ConformyesREACH ConformyesReACH Conformyes   | Dimensions                       |                          |
|---|----------------------------------|--------------------------|
| Width39 mmWidth of wall cutout24 mmHeight19 mmInstallation height18.9 mmDiameter of the screw holes5.5 mmMaterialsMaterialMaterialPolyamide 6.6Glass-fibre reinforced✓Flammability class UL 94V-0Working temperature, min40 °CWorking temperature, max.120 °CSealing materialTPEHalogen-free✓Silicone-free✓Further technical dataIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceREACH ConformREACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo  | Length                           | 98 mm                    |
| Width of wall cutout24 mmHeight19 mmInstallation height18.9 mmDiameter of the screw holes5.5 mmMaterialsMaterialMaterialPolyamide 6.6Glass-fibre reinforced√Flammability class UL 94V-0Working temperature, min40 °CWorking temperature, max.120 °CSealing materialTPEHalogen-free√Silicone-free√Further technical dataVMounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product Compliance2023-01-17REACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo   | Lenght of wall cutout            | 68 mm                    |
| Height19 mmInstallation height18.9 mmDiameter of the screw holes5.5 mmMaterialsMaterialMaterialPolyamide 6.6Glass-fibre reinforced✓Flammability class UL 94V-0Working temperature, min40 °CWorking temperature, max.120 °CSealing materialTPEHalogen-free✓Silicone-free✓Further technical dataVMounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceyesREACH ConformyesREACH ConformyesREACH ConformNoNoNo  | Width                            | 39 mm                    |
| Installation height18.9 mmDiameter of the screw holes5.5 mmMaterialsMaterialMaterialPolyamide 6.6Glass-fibre reinforced✓Flammability class UL 94V-0Working temperature, min40 °CWorking temperature, max.120 °CSealing materialTPEHalogen-free✓Silicone-free✓Further technical dataMounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product Compliance2023-01-17REACH ConformyesREACH Candidate Substance NoteNo  | Width of wall cutout             | 24 mm                    |
| Diameter of the screw holes   5.5 mm     Materials   Material     Material   Polyamide 6.6     Glass-fibre reinforced   ✓     Flammability class UL 94   V-0     Working temperature, min.   -40 °C     Working temperature, max.   120 °C     Sealing material   TPE     Halogen-free   ✓     Silicone-free   ✓     Further technical data   ✓     Mounting type   Screws     Degree of protection   IP66     Number of screw holes   2     Fixing screws   M 5 (ISO 4762 / DIN 912)     Torque of the fixing screws   3 Nm     Environmental Product Compliance   REACH Conform     REACH Conform   yes     REACH Reference date   2023-01-17     REACH Candidate Substance Note   No | Height                           | 19 mm                    |
| Materials     Material   Polyamide 6.6     Glass-fibre reinforced   ✓     Flammability class UL 94   V-0     Working temperature, min.   -40 °C     Working temperature, max.   120 °C     Sealing material   TPE     Halogen-free   ✓     Silicone-free   ✓     Further technical data      Mounting type   Screws     Degree of protection   IP66     Number of screw holes   2     Fixing screws   M 5 (ISO 4762 / DIN 912)     Torque of the fixing screws   3 Nm     Environmental Product Compliance   REACH Conform     REACH Conform   yes     REACH Reference date   2023-01-17     REACH Candidate Substance Note   No  | Installation height              | 18.9 mm                  |
| MaterialPolyamide 6.6Glass-fibre reinforced✓Flammability class UL 94V-0Working temperature, min40 °CWorking temperature, max.120 °CSealing materialTPEHalogen-free✓Silicone-free✓Further technical dataMounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product Compliance2023-01-17REACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo  | Diameter of the screw holes      | 5.5 mm                   |
| Glass-fibre reinforced✓Flammability class UL 94V-0Working temperature, min40 °CWorking temperature, max.120 °CSealing materialTPEHalogen-free✓Silicone-free✓Further technical dataVMounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product Compliance2023-01-17REACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo  | Materials                        |                          |
| Flammability class UL 94V-0Working temperature, min40 °CWorking temperature, max.120 °CSealing materialTPEHalogen-free✓Silicone-free✓Further technical dataMounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product Compliance2023-01-17REACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo  | Material                         | Polyamide 6.6            |
| Working temperature, min40 °CWorking temperature, max.120 °CSealing materialTPEHalogen-free✓Silicone-free✓Further technical dataMounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceREACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo   | Glass-fibre reinforced           | $\checkmark$             |
| Working temperature, max.120 °CSealing materialTPEHalogen-free✓Silicone-free✓Further technical dataMounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceREACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo  | Flammability class UL 94         | V-0                      |
| Sealing materialTPEHalogen-free✓Silicone-free✓Further technical data✓Mounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceyesREACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo   | Working temperature, min.        | -40 °C                   |
| Halogen-free✓Silicone-free✓Further technical dataMounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceREACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo  | Working temperature, max.        | 120 °C                   |
| Silicone-free✓Further technical dataMounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceREACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo   | Sealing material                 | TPE                      |
| Further technical dataMounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceREACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo   | Halogen-free                     | $\checkmark$             |
| Mounting typeScrewsDegree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceREACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo   | Silicone-free                    | $\checkmark$             |
| Degree of protectionIP66Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceREACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo  | Further technical data           |                          |
| Number of screw holes2Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceREACH ConformyesREACH Reference date2023-01-17REACH Reference NoteNo  | Mounting type                    | Screws                   |
| Fixing screwsM 5 (ISO 4762 / DIN 912)Torque of the fixing screws3 NmEnvironmental Product ComplianceREACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo  | Degree of protection             | IP66                     |
| Torque of the fixing screws3 NmEnvironmental Product ComplianceREACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo   | Number of screw holes            | 2                        |
| Environmental Product Compliance     REACH Conform   yes     REACH Reference date   2023-01-17     REACH Candidate Substance Note   No  | Fixing screws                    | M 5 (ISO 4762 / DIN 912) |
| REACH ConformyesREACH Reference date2023-01-17REACH Candidate Substance NoteNo  | Torque of the fixing screws      | 3 Nm                     |
| REACH Reference date 2023-01-17   REACH Candidate Substance Note No   | Environmental Product Compliance |                          |
| REACH Candidate Substance Note No   | REACH Conform                    | yes                      |
|   | REACH Reference date             | 2023-01-17               |
| RoHS Conform yes  | REACH Candidate Substance Note   | No                       |
|   | RoHS Conform                     | yes                      |



### Media





### Actuating tool



Using the KDS BW1 actuating tool, the seals can be conveniently mounted in and dismantled from the frame. The ergonomic grip and the special shape enable simple and precise installations, especially for cabling applications in confined spaces., Material: Polyamide

**CONTACLIP** 

| Article number | Article name | GTIN (EAN)    | Packaging<br>unit |
|----------------|--------------|---------------|-------------------|
| 28622.0        | KDS BW 1     | 4044211216597 | 1 ST              |

#### **Sheet-metal puncher**



Sheet metal puncher for rectangular openings, Dimensions opening: 68 x 24 mm, Maximum wall thickness: 2.0 mm for stainless steel sheet, Material: steel

| Article number | Article name | GTIN (EAN)    | Packaging<br>unit |
|----------------|--------------|---------------|-------------------|
| 28735.0        | BL KDS-FB2   | 4044211221812 | 1 ST              |



Sheet metal puncher for rectangular openings, Dimensions opening: 68 x 24 mm, Maximum wall thickness: 2.0 mm for stainless steel sheet, Material: steel

| Article number | Article name  | GTIN (EAN)    | Packaging<br>unit |
|----------------|---------------|---------------|-------------------|
| 28741.0        | BL-VA KDS-FB2 | 4044211221959 | 1 ST              |

#### Flat cable seals

Seal dummy, Mounting type: Plug in, Length 65.2mm, Width: 20.3 mm, IP 66, Colour: Grey

| Article number | Article name    | GTIN (EAN)    | Packaging<br>unit |
|----------------|-----------------|---------------|-------------------|
| 28719.6        | KDS-DE-FB2/A GR | 4044211221126 | 5 ST              |

### Seal, Mounting type: Plug in, Length 65.2 mm, Width: 20.3 mm, IP 66, Colour: Grey

| Article number | Article name    | GTIN (EAN)    | Packaging<br>unit |
|----------------|-----------------|---------------|-------------------|
| 28720.6        | KDS-DE-FB2/B GR | 4044211221133 | 5 ST              |



|   | Seal, Mounting                              | g type: Plug in, Length 65.2 mn                                    | n, Width: 20.3 mm, IP 66, Co                                | olour: Grey                              |
|---|---|--|---|--|
|   | Article number                              | Article name   | GTIN (EAN)  | Packaging<br>unit                        |
|   | 28721.6                                     | KDS-DE-FB2/C GR  | 4044211221140   | 5 ST                                     |
|   | Seal, Mounting                              | g type: Plug in, Length 65.2 mn                                    | n, Width: 20.3 mm, IP 66, Co                                | olour: Grey                              |
| - | Article number                              | Article name   | GTIN (EAN)  | Packaging<br>unit                        |
|   |   |  |   |  |
|   | 28722.6                                     | KDS-DE-FB2/D GR  | 4044211221157   | 5 ST                                     |
| _ |   | KDS-DE-FB2/D GR<br>g type: Plug in, Length 65.2 mn                 |   |  |
| - |   |  |   |  |
| - | Seal, Mounting                              | g type: Plug in, Length 65.2 mn                                    | n, Width: 20.3 mm, IP 66, Co                                | blour: Grey<br>Packaging                 |
| - | Seal, Mounting<br>Article number<br>28723.6 | g type: Plug in, Length 65.2 mn<br>Article name                    | n, Width: 20.3 mm, IP 66, Co<br>GTIN (EAN)<br>4044211221164 | blour: Grey<br>Packaging<br>unit<br>5 ST |
| - | Seal, Mounting<br>Article number<br>28723.6 | g type: Plug in, Length 65.2 mn<br>Article name<br>KDS-DE-FB2/E GR | n, Width: 20.3 mm, IP 66, Co<br>GTIN (EAN)<br>4044211221164 | blour: Grey<br>Packaging<br>unit<br>5 ST |