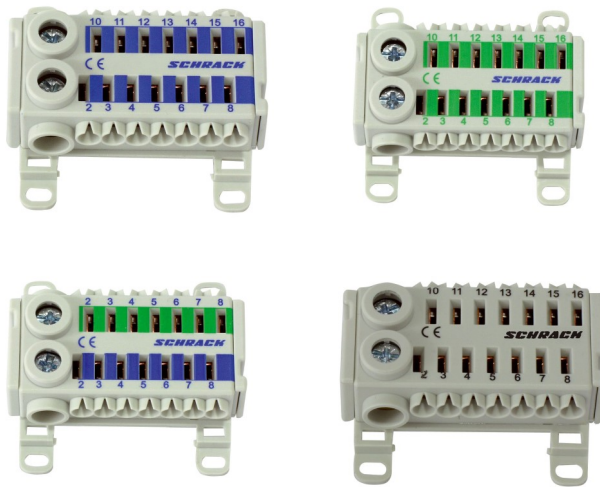


**■ Datasheet: EASY CONNECTION BOX**



**■ SCHRACK-INFO**

- Compact dimensions
- Mounting either directly on mounting plate or snap-on mounting on DIN rail
- Can be mounted horizontally or vertically on DIN rail
- Cage clamp design on output terminal
- For side-by-side mounting
- Available for delivery in grey, blue, green and blue/green

**■ Important**

Required minimum connector length for quick-plug-in terminals:

Ultrasonic-welded or connector sleeve : min. 10mm

Connector sleeve with flange : min. 12mm.

**■ Technical datas**

| ELECTRICAL DATA        |          |
|------------------------|----------|
| Max. electrical load   | 76 A     |
| Max. operating Voltage | 450 V AC |
| Protection class       | IP20     |

| TECHNICAL DATA                 |  |
|--------------------------------|--|
| Heat deflection temp.          | 125°C – UL94 V0  |
| CTI comparative tracking index | 600 V  |
| Regulations                    | EN 60998-1:2004, EN 60998-2:2004,<br>EN60998-2-2: 2004, EN60999-1:2000<br>VDE 0603-1; VDE Reg.Nr. 40025904 |

| MATERIALS                   |             |               |
|-----------------------------|-------------|---------------|
|                             | material    | surface       |
| Terminal block              | brass       | -             |
| Quick-plug-in terminal      | CU-ETP R240 | -             |
| Housing                     | PA66-V0     | grey RAL 7035 |
| Flat screw with combination | steel       | Zn-plated     |

| CROSS SECTIONS                     |  |   |   |
|------------------------------------|--|---|---|
|                                    | Conductors                             |   | Torque <sup>1</sup>   |
|                                    | U<br>single wire<br>R<br>multi wire    | K / F<br>fine wire<br>(with end sleeve) |   |
| 2x 25mm <sup>2</sup><br>With screw | 2,5mm <sup>2</sup> - 25mm <sup>2</sup> | 2,5mm <sup>2</sup> - 16mm <sup>2</sup>  | 2,5-10 mm <sup>2</sup> - 1,5 Nm<br>16 mm <sup>2</sup> - 2 Nm<br>25 mm <sup>2</sup> - 2,5 Nm |
| 7x4mm <sup>2</sup><br>Plug-in      | 0,5mm <sup>2</sup> - 4mm <sup>2</sup>  |   | -   |

<sup>1</sup> In principle, the tightening torques specified are to be applied. Where no limits are specified, the tolerance on the tightening torque of screw and clamp connections may be a maximum of +/- 10% of the nominal value.

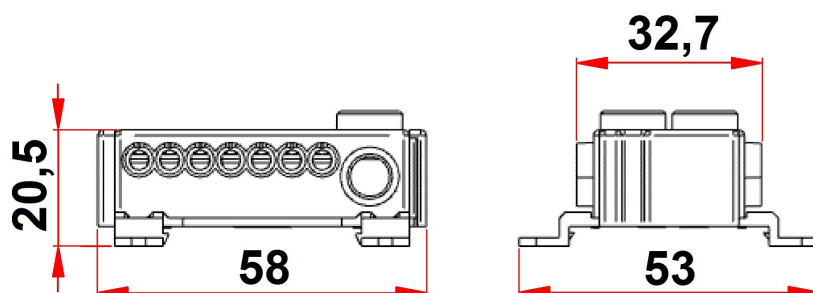
#### Assembly details

Required minimum connector length for quick-plug-in terminals:

Ultrasonic-welded or connector sleeve : min. 10mm,

Connector sleeve with flange : min. 12mm.

▀ Dimensions



▀ Articles

| Description  | Article    |
|--|------------|
| Easy Connection Box, blue, 2 x 25 mm <sup>2</sup> , 14 x 4 mm <sup>2</sup>     | IK021078-- |
| Easy Connection Box green, 2 x 25 mm <sup>2</sup> , 14 x 4 mm <sup>2</sup>     | IK021079-- |
| Easy Connection Box blue/green, 1 x 25 mm <sup>2</sup> , 7 x 4 mm <sup>2</sup> | IK021080-- |
| Easy Connection Box blank, 2 x 25 mm <sup>2</sup> , 14 x 4 mm <sup>2</sup>     | IK021081-- |