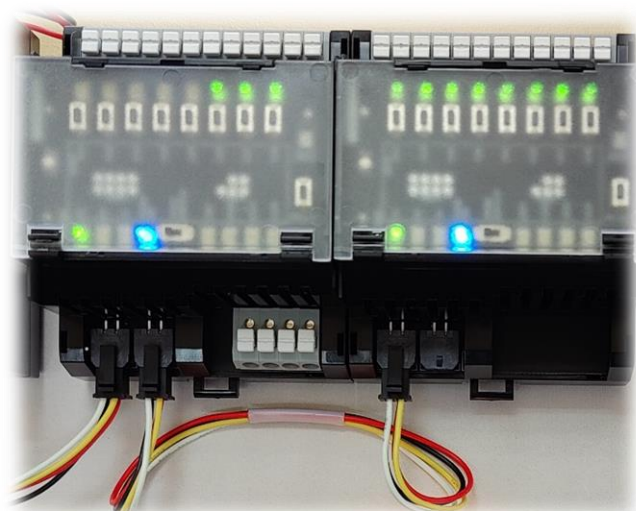


The new generation of Velbus DIN rail modules feature Molex connectors, facilitating seamless interconnection between modules and the rest of your Velbus installation. These connectors ensure a foolproof connection, as the cable can only be inserted in one orientation, eliminating the possibility of faulty bus connections. Both Molex connectors on the module are internally linked, making it irrelevant which connector you choose to use.



Upon a successful connection, you will hear a distinct 'click,' signifying that the link has been established securely.

Each DIN-rail module comes with a 20cm Molex-to-Molex cable included in the box, specifically designed for connecting to the next module.



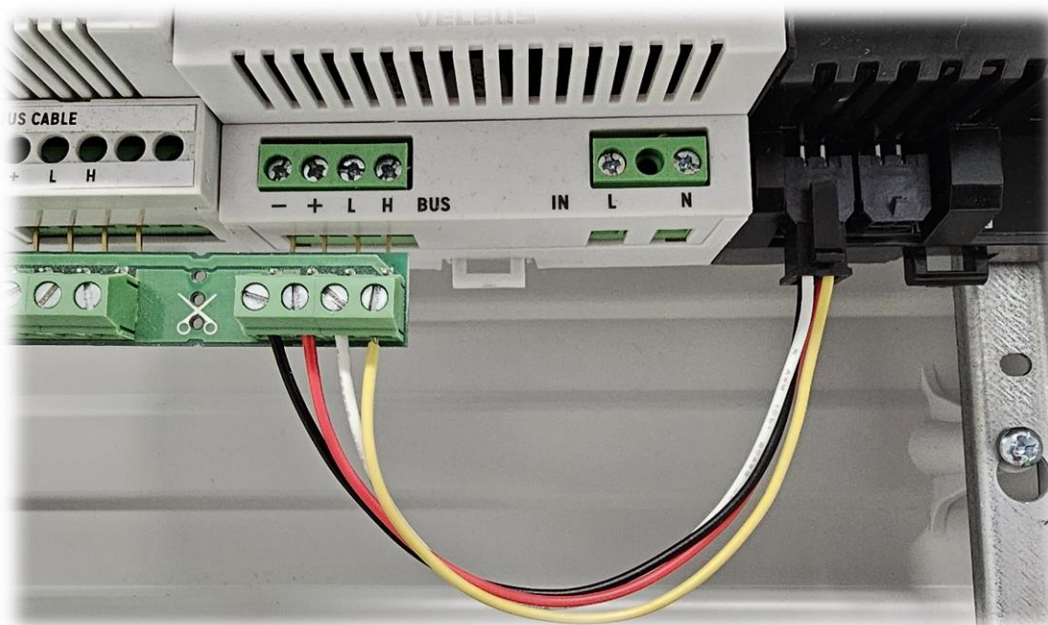
The Velbus bus cable colors are arranged in the following order:

Color	Connection	Indicator
Red	Power 15V ($\pm$ 3V)	+
Black	Power GND	-
Yellow	CANbus High	H
White	CANbus Low	L



To integrate the newer modules into your current installation, follow these steps:

1. Cut one end of the accompanying Molex-to-Molex cable.
2. Strip at least 8mm of insulation from all four wires using a wire stripping tool.
3. Connect these stripped wires to your existing installation, adhering to the correct colour code for each connection.

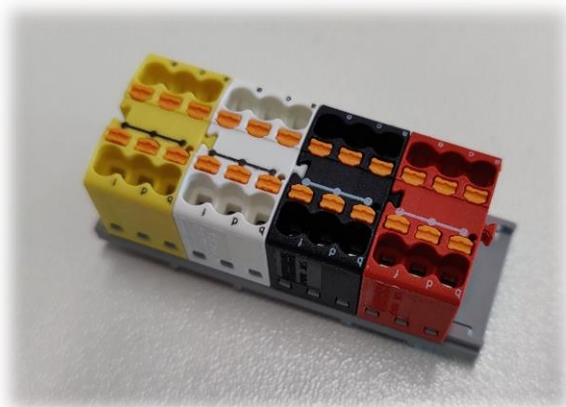


If you need longer Molex-to-Molex cables, for instance, to link one row of modules with another, the following articles are available for your convenience:

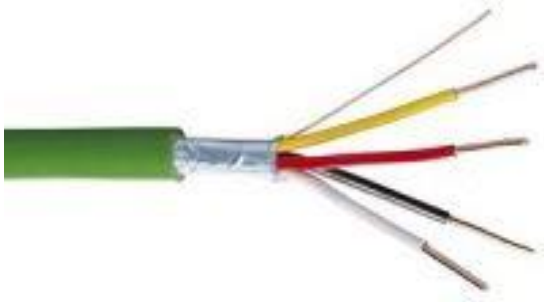
VMBCABLE20SET	Velbus interconnect cable 20cm (set of 25 pcs)
VMBCABLE40SET	Velbus interconnect cable 40cm (set of 10 pcs)
VMBCABLE150SET	Velbus interconnect cable 1,5m (set of 5 pcs)

To organize the connections in your electrical cabinet, we recommend the use of the Phoenix Contact connection block:

1187192	DIN rail connection block - PTFIX 1,5-KNX-NS35
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Velbus recommends a solid core EIB/KNX grade cable with 4x 0,8 mm diameter for your Velbus installation. Do not use stranded wire cables or ethernet cables!



To ensure a stable Velbus installation, the distance between two Velbus modules should not exceed 1000 meters (1 kilometer).