



## QCAN-E E-Bus / CAN Adapter

### Short Description

The QCAN-E module is used for offset coupling of Q and R modules across a line.

To do this, the two communications interfaces available on the E-bus are assigned to

- Offset coupling of Q and R modules
- E-bus connection, cable length up to 3 m
- CAN bus connection, CAN channel 1 on Sub-D plug-in connector

two separate plug-in connectors:  
 1 connector (RJ45) for the E-bus,  
 1 connector (Sub-D) for the CAN bus, CAN channel 1.

### E-Bus Connection

The QCAN-E module serves to lengthen the E-bus. Two QCAN-E modules are required to do this.

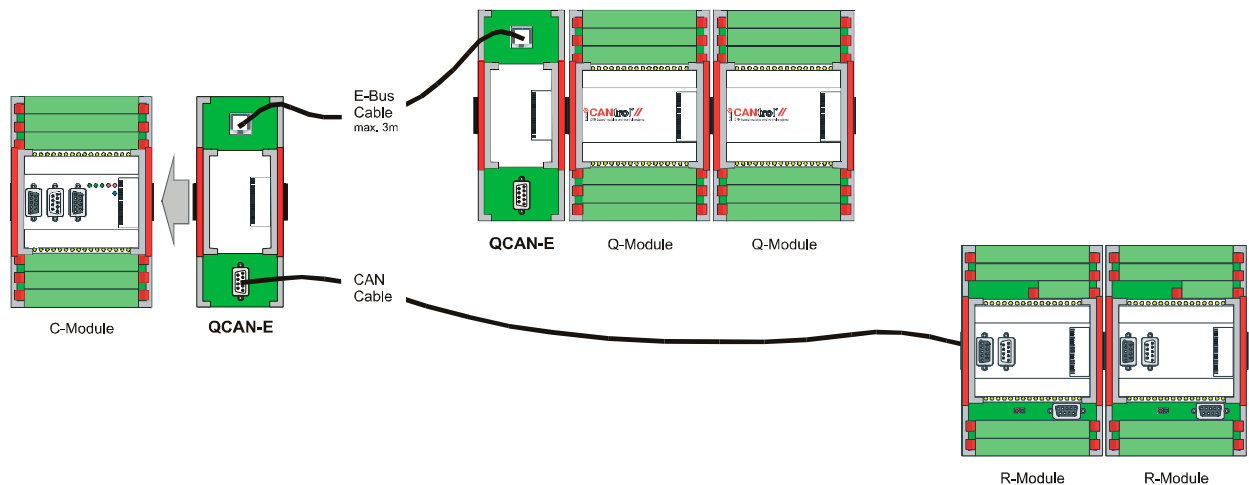
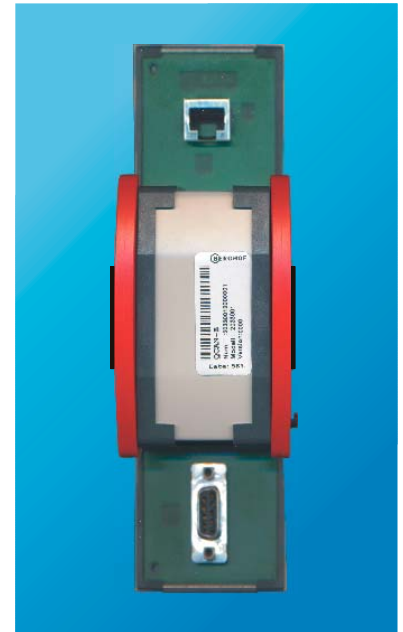
One module serving as the E-bus OUT at the right end of a control cell, and a second module as the E-bus IN at the left end starting point of a control cell. The cable length between the two modules can be up to a maximum of 3 m.

### CAN Bus Connection

The QCAN-E serves to loop the CAN bus on. The module is equipped with a CAN bus terminating resistor.

The QCAN-E module must always be positioned to the right of the last module in the control cell. This terminates the CAN bus at this point.

The QCAN-E module may only be used at the start and/or end of a CAN line.



## At A Glance - Overview

Module specifications	
Designation	QCAN-E
Part no.	203300100
Dimensions, WxHxD [mm]	65 x 170 x 85.5 mm (in-line dimension, W = 59.5)
No. of modules per row	max. 1 module
Weight	approx. 230 g
Installation	NS 35/7.5 EN 50022 mounting rail
EMC, protection class, insulation test, protection method	
Interference emission	EN 50081-2, industrial application
Interference resistance	EN 50082-2, industrial application
Protection class	III
Insulation resistance	EN 61131-2; DC 500 V test voltage
Protection method	IP20
Supply voltage, current consumption	
Supply voltage	None (passive module)
Interfaces	
Interface type	CAN Bus, E-bus

