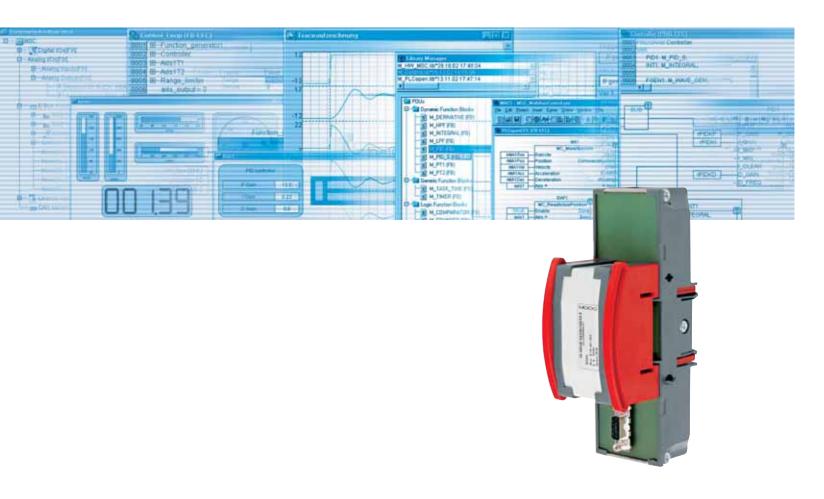


**User Manual** 

**M3000 Control System** 

# **QCAN CAN Extension Module**



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Our quality standard is according to DIN EN ISO 9001.

# Introduction

to CANtrol Automation System

Includes description of the module QCAN-adaptor

V.1.21

**User Handbook** 

Automation System



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#### General Information on this Manual

#### Content:

This manual describes the CANtrol automation system, the modules CDIO 16/16-0,5, QDIO 16/16-0,5 and its modifications and the QCAN-adaptor. The product-related information contained herein was up to date at the time of publication of this manual.

#### Completeness:

This manual is complete only in conjunction with the product-related hardware or software user manuals required for the particular application.

#### Standards:

The CANtrol automation system, its components and its use are based on International Standard IEC 61131 Parts 1 to 4 (EN 61131 Parts 1 to 3 and Supplementary Sheet 1). Supplementary Sheet 1 of EN 61131 (IEC 61131-4) entitled 'User Guidelines' is of particular importance for the user.

#### Order numbers:

Please see the relevant product overview in the 'Introduction to CANtrol Automation System' manual for a list of available products and their order numbers.

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# 1. QCAN E-Bus / CAN Adaptor

#### 1.1. Overview

Order number The order/item No. required for acquiring a replacement is to be found on the

nameplate of the module.

Function The QCAN module is used to couple R-modules which are stepped down via the

CAN Bus channel on the E-bus.

The QCAN module must always be installed at the right of the last module of a control cell. Here is the CAN Bus terminated. The E-bus is not continued in this module. The QCAN module can only used at the beginning and/or at the end of a

CAN-line.

Material supplied The material supplied with the E-bus/CAN Adaptors QCAN comprises:

QCAN module



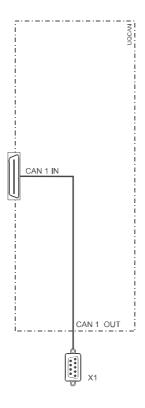
Note:

This module has less overall width than the standard modules.

#### 1.2. Technical Data

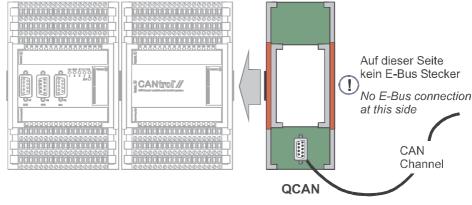
Module data	
Designation	QCAN
Item No	13483
Dimensions WxHxD [mm]	$65 \times 170 \times 85,5 \text{ mm (modular dimension W = 59,5)}$
No. of modules per row	max. 1 module
Weight	ca. 230 g
Mounting	Mounting rail NS 35/7,5 EN 50022
EMC, class of protection, insulation	testing, degree of protection
Emitted interference	EN 50081-2, industrial sector
Noise immunity	EN 50082-2, industrial sector
Class of protection	III
Insulation resistance	EN 61131-2; 500 VDC (test voltage)
Degree of protection	IP20
Supply voltage, power consumption	
Supply voltage	None (passive module)
Interfaces	
Type of interface	CAN bus

# 1.3. Block Circuit Diagram



2VF100054DG01.cdr

# 1.4. Structure and connection building



CAN Kabeladapter für die abgesetzte Ankopplung von R-Modulen über den E-Bus CAN Channel

CAN cable adaptor for remote module connection by E-Bus CAN channel

2VF100055DG01.cdr





Italy

Japan

Korea

Luxembourg

Norway

Philippines

Russia

Singapore

Spain

Sweden

South Africa

**United Kingdom** 

USA



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