Technical Data Field Bus Module EBM112

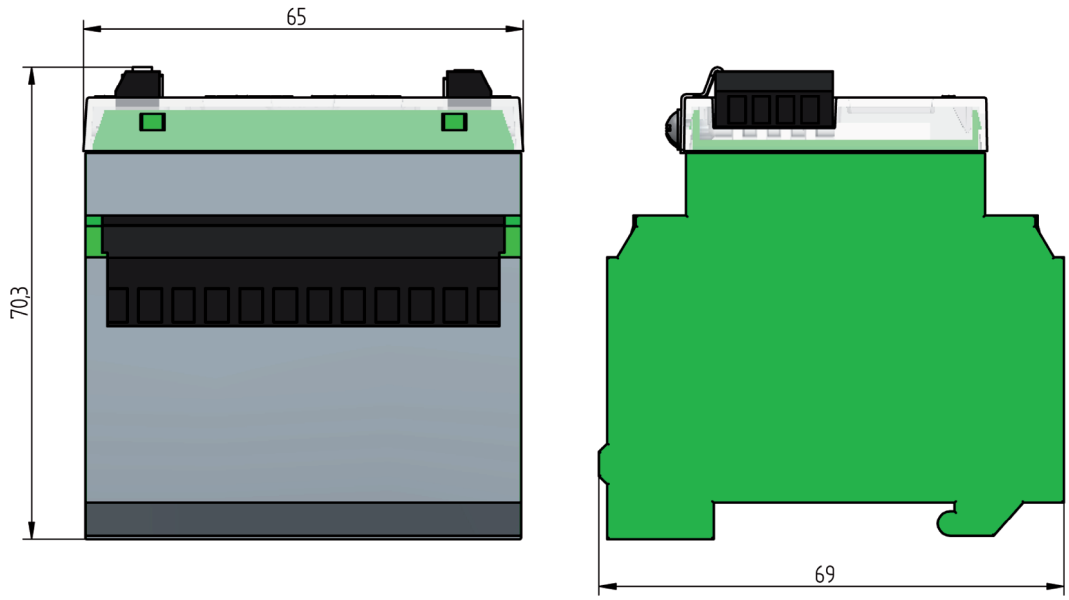

Fig. 1 Dimensions BT300 /EBM112

EBMxxx	
Power supply	24 VDC +10/-15 % (SELV)
Current consumption	220 mA
	Low voltage limited energy
Housing	PA6.6 UL94-V0 Panel: Polycarbonate, transparent
Mounting	Mounting rail TH35 according to EN 60715
Dimensions (H x B x W)	69 x 65 x 70.3 mm | 2.72 x 2.56 x 2.77 "in
Weight	120 g | 0.26 lb
Flammability	UL-94 V0 (panel: UL-94 V2)
Cable length	Supply 24 VDC < 10 m | 32.81 ft Ethernet (without repeater) 100 m, CAT-5 min. CAN/LSB: 500 m | 19.69" in shielded
Connection cross section	Ethernet: RJ45 plug connection according to Ethernet standards Plug in terminals 0,5 mm^2 | 20 AWG

NOTICE

When using shielded cables the shielding must be connected to a terminal outside the device.

Environmental Conditions		
Operation	Climatic conditions	Class 3K5 according to DIN EN 60721-3
	Mechanic conditions	Class 3M5 according to DIN EN 60721-3
	Temperature range	-20 ... +50 °C | -4 ... +122 °C (condensation is prohibited)
Transport	Climatic conditions	Class 2K3 according to DIN EN 60721-3
	Mechanic conditions	Class 2M2 according to DIN EN 60721-3
	Temperature range	-20 ... +70 °C | -4 ... +158 °C (condensation is prohibited)
Storage	Climatic conditions	Class 1K3 according to DIN EN 60721-3
	Mechanic conditions	Class 1M2 according to DIN EN 60721-3
	Temperature range	-20 ... +70 °C | -4 ... +158 °C (condensation is prohibited)
Electronic safety	Protection class (DIN EN60529)	IP40 housing IP20 terminals

NOTICE

The limits of the technical data must be strictly adhered to.

Order Information

Description / Type	Order no.
EBM112, Ethernet for Profinet, 2 Ethernet connectors	667R0740-1

Approvals

The information in this publication is subject to technical changes.

LAMTEC Meß- und Regeltechnik für Feuerungen GmbH & Co. KG
Josef-Reiert-Straße 26
D-69190 Walldorf
Telefon: +49 (0) 6227 6052-0
Telefax: +49 (0) 6227 6052-57

info@lamtec.de
www.lamtec.de

Printed in Germany | Copyright © 2025

Publication no. DLT1249-25-EN-001