

MFD-Titan Multi-Function Displays**Contents**

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MFD-Titan Multi-Function Displays**Product Description**

The MFD-Titan multi-function displays can be used as remote text displays for easy500, easy700, easy800 and easy802/806 relays or can be configured as standalone or networked multi-function displays. As a multi-function display, the MFD-Titan combines the control functions of an easy800 with a door-mounted graphics display.

MFD-Titan multi-function display is comprised of three parts: display, controller and I/O modules. Match each piece to the needs of your application. If you need to both monitor and modify parameters within your application, choose the MFD-80-B display. The preprogrammed and user programmable buttons give you the capability to make small changes to the way your application is running, start or stop a process, or change your program completely. Select a controller with or without easyNet support, and with AC or DC power. Finally, add the MFD I/O module that best suits your application.

MFD-Titan—for controlling small applications that require graphic visualization and for large-scale applications with 20 points, expandable to 40 points locally, and expandable using the easyNet network up to 320 I/O points.

The MFD-Titan display can be linked to the easy500/700/800 models to provide an enhanced text based operator interface.

The easyNet integrated network provides easy and inexpensive linking of up to eight MFD-Titan devices over a distance of up to 1000 meters. Each MFD-Titan device can run its program, or be used as a distributed input/output module. Connect up to eight controllers with up to 40 I/O to obtain 320 I/O.

Standards

- CSA C22.2 No. 142-M1987
- CSA C22.2 No. 213-M1987
- EN 55011
- EN 50178
- EN 61131-2
- IEC EN 61000-4
- IEC 60068-2-6
- IEC 60068-2-27
- UL 508

Certifications

- UL
- CSA
- CE
- CSA Class I, Div. 2, Groups A, B, C, D; Temp. Code T3C
- C-Tick
- GOST-R
- Ukrain-GOST

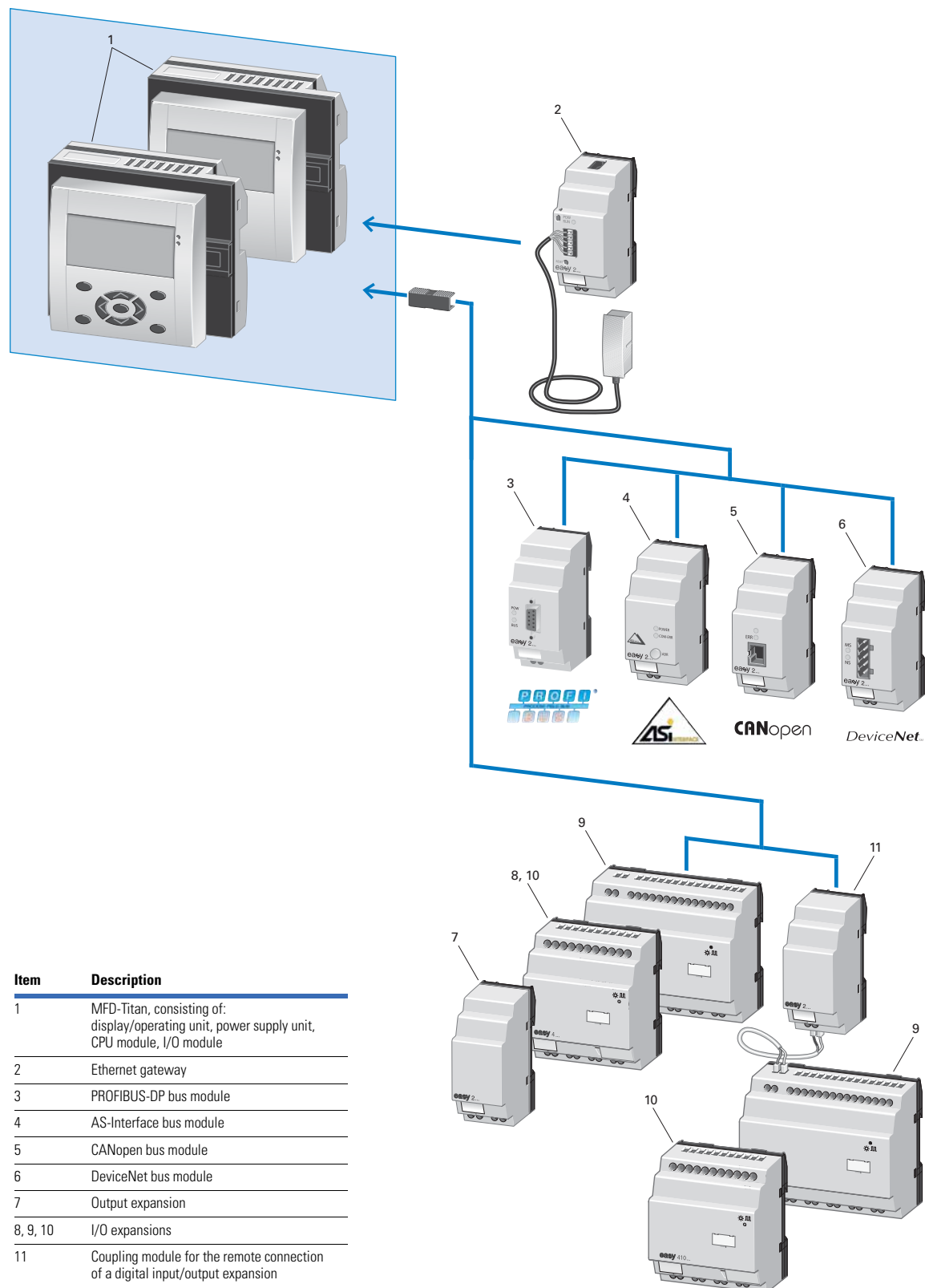
**Shipping Approvals**

- Bureau Veritas
- Det Norske Veritas
- Germanischer Lloyd
- Lloyd's Register of Shipping

System Overview

MFD-Titan Multi-Function Display

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Product Selection

MFD-80-B



MFD-Titan Display/Operator Units

Monochrome display 132 x 64 pixels with switchable backlight and removable front frame.

Description	Keypad	Eaton Logo	Custom Engraving	Catalog Number
MFD display, NEMA 4X indoor rated	—	—	—	MFD-80-X
MFD display, NEMA 4X indoor rated	—	■	—	MFD-80
MFD display, NEMA 4X indoor rated	—	—	■	MFD-80-ETCH ①
MFD display with keypad ②	■	—	—	MFD-80-B-X
MFD display with keypad ②	■	■	—	MFD-80-B
MFD display with keypad ②	—	—	■	MFD-80-B-ETCH ①

MFD-CP4



MFD-Titan Text/Graphics Display Power Module

For use with MFD-Titan displays for use as remote text/graphics display.

Supply Voltage	Description	Catalog Number
100–240 Vac	AC power supply / communication module (no cable)	MFD-AC-CP4
	AC module for easy500/700 relays and cable MFD-CP4-500-CAB5	MFD-AC-CP4-500
	AC module for easy800 relays and cable MFD-CP4-800-CAB5	MFD-AC-CP4-800
24 Vdc	DC power supply / communication module (no cable)	MFD-CP4
	DC module for easy500/700 relays and cable MFD-CP4-500-CAB5	MFD-CP4-500
	DC module for easy800 relays and cable MFD-CP4-800-CAB5	MFD-CP4-800

MFD-CP



MFD-Titan Controller Modules

For use with MFD-Titan display/operator units.
Add MFD-Titan I/O modules as needed.

Supply Voltage	Description	Catalog Number
100–240 Vac	Program and screen memory	MFD-AC-CP8-ME
	Program and screen memory, with easyNet	MFD-AC-CP8-NT
24 Vdc	Program and screen memory	MFD-CP8-ME
	Program and screen memory, with easyNet	MFD-CP8-NT
	Double program and screen memory (as MFD-CP8)	MFD-CP10-ME
	Double program and screen memory (as MFD-CP8), with easyNet	MFD-CP10-NT

Notes

- ① To order an MFD display with custom engraving, a marking file with the required text and/or graphics must be created as a Labeleditor ZIP file. The ZIP file has to be sent to the Eaton factory, and the name of the file must be referenced in the order notes section. To download the Labeleditor configuration software, please visit www.eaton.com/software.
- ② To obtain a NEMA 4X indoor rating on MFD displays with keypads, use with a protective membrane cover MFD-XM-80.