

Specifications



Eaton 256281

Eaton Moeller® series EASY Bus termination resistor for easyNet, RJ45, 8p, 124 Ohm

General specifications

PRODUCT NAME	Eaton DC1 Variable frequency drive
CATALOG NUMBER	256281
MODEL CODE	EASY-NT-R
EAN	4015082562816
PRODUCT LENGTH/DEPTH	28 mm
PRODUCT HEIGHT	15 mm
PRODUCT WIDTH	13 mm
PRODUCT WEIGHT	0.004 kg
CERTIFICATIONS	CE CSA Class No.: 2258-02 CSA File No.: 012528 CSA UL Category Control No.: NRAQ CSA-C22.2 No. 213-M1987 UL 508 UL File No.: E135462 CSA-C22.2 No. 142-M1987 UL

Climatic environmental conditions

**AMBIENT OPERATING
TEMPERATURE - MAX** 55 °C

**AMBIENT OPERATING
TEMPERATURE - MIN** -25 °C

Design verification

10.10 TEMPERATURE RISE The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

**10.11 SHORT-CIRCUIT
RATING** Is the panel builder's responsibility.

**10.12 ELECTROMAGNETIC
COMPATIBILITY** Is the panel builder's responsibility.

**10.13 MECHANICAL
FUNCTION** The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

**10.2.2 CORROSION
RESISTANCE** Meets the product standard's requirements.

**10.2.3.1 VERIFICATION OF
THERMAL STABILITY OF
ENCLOSURES** Meets the product standard's requirements.

**10.2.3.2 VERIFICATION OF
RESISTANCE OF
INSULATING MATERIALS
TO NORMAL HEAT** Meets the product standard's requirements.

**10.2.3.3 RESIST. OF
INSUL. MAT. TO
ABNORMAL HEAT/FIRE
BY INTERNAL ELECT.
EFFECTS** Meets the product standard's requirements.

**10.2.4 RESISTANCE TO
ULTRA-VIOLET (UV)
RADIATION** Meets the product standard's requirements.

10.2.5 LIFTING Does not apply, since the entire switchgear needs to be evaluated.

**10.2.6 MECHANICAL
IMPACT** Does not apply, since the entire switchgear needs to be evaluated.

10.2.7 INSCRIPTIONS Meets the product standard's requirements.

**10.3 DEGREE OF
PROTECTION OF
ASSEMBLIES** Meets the product standard's requirements.

**10.4 CLEARANCES AND
CREEPAGE DISTANCES** Meets the product standard's requirements.

**10.5 PROTECTION
AGAINST ELECTRIC
SHOCK** Does not apply, since the entire switchgear needs to be evaluated.

**10.6 INCORPORATION OF
SWITCHING DEVICES AND
COMPONENTS** Does not apply, since the entire switchgear needs to be evaluated.

10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

General information

CONNECTION	Connection to CANopen® (pin 1/2, 124 Ω) or to Modbus RTU (pin 7/8, 120 Ω)
DEGREE OF PROTECTION	IP20
PRODUCT CATEGORY	- Control relay easyRelay - Multi-function-display MFD-Titan

Resources

	How does the internal motor protection work? Electromagnetic compatibility (EMC)
APPLICATION NOTES	DX-COM-STICK3 Connection Start, Stopp und Betrieb The OP System Bus - Parameterizing - Control
BROCHURES	eaton-powerxl-variable-frequency-drives-dc1-da1-brochure-br040001en-en-us.pdf
CATALOGUES	eaton-drives-soft-starter-catalog-ca04020001zen-us.pdf Drives - Product range catalog
DRAWINGS	272I065

ECAD MODEL	DA-CE-ETN.EASY-NT-R
INSTALLATION INSTRUCTIONS	IL05013012Z IL05013014Z
INSTALLATION VIDEOS	PowerXL Variable Frequency Drives DC1 and DA1 - EN Video PowerXL DA1
MANUALS AND USER GUIDES	MN05013003Z_EN MN04902001Z_EN
MULTIMEDIA	Looking for variable frequency drives DC1 and DA1 which can be used in harsh environments?

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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