Specifications





Eaton 186946

Eaton DX Keypad with LED display for DE1, DC1, DA1, DB1

General specifications	
PRODUCT NAME	Eaton DX Keypad
CATALOG NUMBER	186946
MODEL CODE	DX-KEY-LED2
EAN	4015081819980
PRODUCT LENGTH/DEPTH	26 mm
PRODUCT HEIGHT	81 mm
PRODUCT WIDTH	66 mm
PRODUCT WEIGHT	0.1 kg
CERTIFICATIONS	UL 508C UL UL File No.: E172143 CSA-C22.2 No. 14 UL Category Control No.: NMMS, NMMS7 CE IEC/EN61800-3 IEC/EN61800-5 UL report applies to both US and Canada Certified by UL for use in Canada

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Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	50 °C
AMBIENT OPERATING TEMPERATURE - MIN	-10 °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. The specifications for the switchgear must be observed.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
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	Please enquire
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	Does not apply, since the entire switchgear needs to be evaluated.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.5 PROTECTION	Does not apply, since the

AGAINST ELECTRIC SHOCK	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.

Features & functions

FITTED WITH:	Plug-in connection cable (approx 3 m, RJ45, 8-pin) 7-digital display assembly

General information

ACCESSORY/SPARE PART TYPE	Control panel
DEGREE OF PROTECTION	IP00
DEGREE OF PROTECTION (FRONT SIDE)	IP54
PRODUCT CATEGORY	Accessories
SUITABLE FOR	Branch circuits, (UL/CSA)
USED WITH	DA1 DC1 DE1 DB1

Resources

CATALOGUES	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf eaton-drives-soft-starter-catalog-ca04020001zen-us.pdf
DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk251311en.pdf eaton-accessory-declaration-of-conformity-eu250828en.pdf
DRAWINGS	eaton-regulating-equipment-options-operating-unit-dimensions.eps eaton-regulating-equipment-options-dx-operating-unit-3d-drawing.eps
ECAD MODEL	DA-CE-ETN.DX-KEY-LED2
INSTALLATION INSTRUCTIONS	IL04012020Z
MANUALS AND USER GUIDES	MN040200003Z_EN eaton-powerxl-da1-installation-manual-mn04020005z-en-us.pdf
MCAD MODEL	DA-CS-dx_key_led eaton-accessories-mcad-drawings-dx-key-led.dwg

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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