

Specifications



Eaton 179982

Eaton Moeller® series M22 Function element, Encoder, Front fixing

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Function element
CATALOG NUMBER	179982
MODEL CODE	M22-SWD-INC
EAN	4015081750993
PRODUCT LENGTH/DEPTH	42 mm
PRODUCT HEIGHT	42 mm
PRODUCT WIDTH	12.5 mm
PRODUCT WEIGHT	0.009 kg
CERTIFICATIONS	UL File No.: E29184 CSA File No.: 2324643 IEC/EN 61131-2 CSA Class No.: 3211-07 UL Category Control No.: NKCR CSA UL
CATALOG NOTES	Function element SmartWire-DT encoder
GLOBAL CATALOG	179982

Product specifications

ACCESSORY/SPARE PART TYPE	Other
AIR DISCHARGE	8 kV, according to IEC 61131-2, level 3, ESD
POLLUTION DEGREE	2
BURST IMPULSE	1 kV, SmartWire-DT cable, according to IEC/EN 61131-2, Level 3
CONNECTION TO SMARTWIRE-DT	Yes
ENVIRONMENTAL CONDITIONS	Condensation: prevent with appropriate measures
MOUNTING POSITION	As required
CONNECTION TYPE	Front fixing SWD: Plug, 8-pole
CONNECTION	SmartWire-DT plug connector SWD4-8SF2-5
CONTACT DISCHARGE	4 kV, according to IEC/EN 61131-2, Level 2, ESD
OVERVOLTAGE CATEGORY	Not applicable
CONSTANT ACCELERATION	1 g, 8.4 - 150 Hz, according to IEC/EN 61131-2, Vibrations
DEGREE OF PROTECTION	IP20
CONSTANT AMPLITUDE	3,5 mm, 5 - 8.4 Hz, according to IEC/EN 61131-2, Vibrations
ELECTROMAGNETIC FIELDS	10 V/m at 80 - 1000 MHz (according to IEC/EN 61131-2:2008)
DROP AND TOPPLE	50 mm Drop height, Drop to IEC/EN 60068-2-31
RADIO INTERFERENCE CLASS	Class A (EN 55011)
RELATIVE HUMIDITY	9 - 95 % (non-condensing, IEC/EN 60068-2-30)
SHOCK RESISTANCE	15 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 11 ms, 9 Impacts
STATION	SmartWire-DT slave, SmartWire-DT network
AMBIENT OPERATING TEMPERATURE - MAX	70 °C

Resources

CATALOGS

[Flip catalog - Product Range Catalog - Command and indication](#)

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

[eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)

DECLARATIONS OF CONFORMITY

[DA-DC-00003976.pdf](#)

[eaton-pushbutton-bundle-declaration-of-conformity-eu250517en.pdf](#)

[DA-DC-00003615.pdf](#)

DRAWINGS

[eaton-operating-m22-function-element-dimensions.eps](#)

[eaton-operating-m22-function-element-3d-drawing.eps](#)

[eaton-operating-m22-function-element-3d-drawing-002.eps](#)

ECAD MODEL

[ETN.179982.edz](#)

FLYERS

[eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf](#)

INSTALLATION INSTRUCTIONS

[IL04716004Z2021_10.pdf](#)

INSTALLATION VIDEOS

[RMQ Flat Design](#)

MANUALS AND USER GUIDES

[MN05006001Z_EN](#)

[MN05006002Z_EN](#)

MCAD MODEL

[DA-CD-m22_swd_r](#)

[DA-CS-m22_swd_r](#)

MULTIMEDIA

[RMQ small E-Stop emergency-stop button](#)

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)

[MCI MultiColor Light Indicator RMQ compact solution](#)

AMBIENT OPERATING TEMPERATURE - MIN	-30 °C
HEIGHT OF FALL (IEC/EN 60068-2-32) - MAX	0.3 m
LED INDICATOR	Status indication of SmartWire-DT network: Green LED

	MCI Multicolor Light Indicator M22 with SmartWire-DT
	eaton-rmq-chemical-resistance-flyer-fl047011en-en-us.pdf
	eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf
SALES NOTES	eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf
	eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf
	eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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