DATASHEET - TM-2-8230/EZ

Step switches, TM, 10 A, centre mounting, 2 contact unit(s), Contacts: 3, 60 °, maintained, Without 0 (Off) position, 1-3, Design number 8230



Part no.	TM-2-8230/EZ
	000701
EL Number	1456166
(Norwav)	

Product name	Eaton Moeller® series TM Step switch
Part no.	TM-2-8230/EZ
EAN	4015080007012
Product Length/Depth	87 millimetre
Product height	30 millimetre
Product width	40 millimetre
Product weight	0.043 kilogram
Certifications	UL Category Control No.: NLRV CE IEC/EN 60947-5-1 VDE 0660 CSA IEC/EN 60947-3 UL CSA-C22.2 No. 14-05 Certified by UL for use in Canada UL File No.: E36332 CSA-C22.2 No. 94 UL report applies to both US and Canada IEC/EN 60947 UL 508
Product Tradename	ТМ
Product Type	Step switch
Product Sub Type	None
Fitted with:	Black thumb grip and front plate
Inscription	1-3
Number of poles	Single-pole
Degree of protection	IP65
Degree of protection (front side)	IP65 NEMA 12
Lifespan, mechanical	1,000,000 Operations
Mounting method	Center mounting
Mounting position	As required
Number of contact units	2
Operating frequency	1200 Operations/h
Overvoltage category	III
Pollution degree	3
Product category	Control switches
Rated impulse withstand voltage (Uimp)	4000 V AC
Suitable for	Front mounting
Switching angle	60 °
Туре	Step switch
Ambient operating temperature - min	-25 °C
Ambient operating temperature - min	50 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30

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10.9.2 Power-frequency electric strength Is the panel builder's responsibility.	10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage Is the panel builder's responsibility.	10.8 Connections for external conductors	Is the panel builder's responsibility.

10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
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.

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Control switch (EC002611)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Control switch (ecl@ss10.0.1-27-37-14-14 [ACN998011]) Type of switch Level switch Number of poles 1 Max. rated operation voltage Ue AC ۷ 500 Rated permanent current lu А 10 3 Number of switch positions No With zero (off) position With retraction in 0-position No Built-in device Device construction Width in number of modular spacings 0 Suitable for floor mounting No Suitable for front mounting Yes Suitable for distribution board installation No Suitable for intermediate mounting No No Complete device in housing Type of control element Toggle Front shield size 30x30 mm IP65 Degree of protection (IP), front side 12 Degree of protection (NEMA), front side