DATASHEET - T0-1-8210/SE1

Changeoverswitches, T0, 20 A, surface mounting, 1 contact unit(s), Contacts: 2, 60 °, maintained, With 0 (Off) position, 1-0-2, in steel enclosure, Design number 8210

Part no. **T0-1-8210/SE1**
197386

Product name	Eaton Moeller® series T0 Changeover switch
Part no.	T0-1-8210/SE1
EAN	4015080896586
Product Length/Depth	200 millimetre
Product height	127 millimetre
Product width	150 millimetre
Product weight	1.52 kilogram
Certifications	VDE 0660 IEC/EN 60204 IEC/EN 60947-3 IEC/EN 60947
Product Tradename	T0
Product Type	Changeover switch
Product Sub Type	None
Number of poles	Single-pole
Degree of protection (front side)	IP65 NEMA 12
Rated uninterrupted current (Iu)	20 A
Actuator type	Toggle
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.
10.2.5 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 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.
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			On/Off switch
Number of poles			1
Max. rated operation voltage Ue AC		V	690
Rated permanent current Iu		A	20
Number of switch positions			3
With zero (off) position			No
With retraction in 0-position			No
Device construction			Surface mounted device
Width in number of modular spacings			0
Suitable for floor mounting			No
Suitable for front mounting			No
Suitable for distribution board installation			No
Suitable for intermediate mounting			No
Complete device in housing			No
Type of control element			Toggle
Front shield size			48x48 mm
Degree of protection (IP), front side			IP65
Degree of protection (NEMA), front side			12

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