Specifications





Eaton 019423

Eaton Moeller® series T3 Changeover switch, 32 A, rear mounting, Basic switch, 3 contact units, Contacts: 6, 60 °, Design number 8212

General specifications	
PRODUCT NAME	Eaton Moeller® series T3 Changeover switch
CATALOG NUMBER	019423
MODEL CODE	T3-3-8212/XZ
EAN	4015080194231
PRODUCT LENGTH/DEPTH	74 mm
PRODUCT HEIGHT	54 mm
PRODUCT WIDTH	61 mm
PRODUCT WEIGHT	0.195 kg
CERTIFICATIONS	CE

Features & Functions

ENCLOSURE MATERIAL	Plastic
FITTED WITH:	0 (off) position
NUMBER OF POLES	Three-pole

General

DEGREE OF PROTECTION	NEMA 12 IP65
DEGREE OF PROTECTION (FRONT SIDE)	IP65 NEMA 12
MODEL	Reverser
MOUNTING METHOD	Rear mounting
MOUNTING POSITION	As required
NUMBER OF CONTACT UNITS	3
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
SUITABLE FOR	Ground mounting Intermediate mounting Front mounting
SWITCHING ANGLE	60 °

Electrical rating

RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V	23.7 A
RATED OPERATIONAL CURRENT (IE) AT AC-21, 440 V	32 A
RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ	12 kW
RATED UNINTERRUPTED CURRENT (IU)	32 A

Contacts

NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
NUMBER OF CONTACTS	6

Actuator

ACTUATOR TYPE	Short thumb-grip

Design verification

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	UV resistance only in connection with protective shield.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 MECHANICAL	Does not apply, since the

IMPACT	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.

Resources

BROCHURES	Brochure - T Rotary Cam switch and P Switch-disconnector
CATALOGUES	P Switch-disconnectors and T Rotary cam switches catalogue CA042001EN
DECLARATIONS OF CONFORMITY	eaton-changeover-switch-declaration-of-conformity-uk260199en.pdf eaton-main-switch-declaration-of-conformity-eu260188en.pdf
DRAWINGS	eaton-rotary-switches-front-plate-t0-changeover-switch-symbol-009.eps
ECAD MODEL	DA-CE-ETN.T3-3-8212_XZ
INSTALLATION INSTRUCTIONS	IL03801006Z
INSTALLATION VIDEOS	Eaton's P Switch-disconnectors used in a factory
MCAD MODEL	eaton-cam-switches-mcad-drawings-t3-xz-3.dwg DA-CS-t3_xz_3
WIRING DIAGRAMS	eaton-rotary-switches-changeover-switch-t0-changeover-switch-wiring-diagram-003.eps

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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