

## Eaton 009530

Eaton Moeller® series T0 Changeover switch, 20 A, rear mounting, Basic switch, 1 contact unit, Contacts: 2, 60 °, Design number 8210

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PRODUCT NAME	Eaton Moeller® series T0 Changeover switch
CATALOG NUMBER	009530
PRODUCT LENGTH/DEPTH	48 mm
PRODUCT HEIGHT	48 mm
PRODUCT WIDTH	48 mm
PRODUCT WEIGHT	0.07 kg
CERTIFICATIONS	CE



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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	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 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

DECLARATIONS OF CONFORMITY	eaton-step-switch- declaration-of-conformity- uk251327en.pdf
ECAD MODEL	DA-CE-ETN.T0-1-8210 XZ
000	eaton-rotary-switches- changeover-switch-t0- changeover-switch-wiring- diagram.eps
00	eaton-rotary-switches- front-plate-t0-changeover- switch-symbol-009.eps

DOCK be evaluated.  1.6 INCORPORATION OF WITCHING DEVICES AND DOPEN TO BODE NOT apply, since the entire switchgear needs to be evaluated.  1.7 INTERNAL ECTRICAL CIRCUITS ID CONNECTIONS  1.8 CONNECTIONS  1.8 CONNECTIONS  1.9 CON		
entire switchgear needs to be evaluated.  I.7 INTERNAL ECTRICAL CIRCUITS (IS the panel builder's responsibility.  III S the panel builder's responsibility	AGAINST ELECTRIC SHOCK	_
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TERNAL CONDUCTORS  PEQUENCY ELECTRIC RENGTH  19.2 POWER- REQUENCY ELECTRIC RENGTH  19.3 IMPULSE ITHSTAND VOLTAGE  19.4 TESTING OF BICLOSURES MADE OF SULATING MATERIAL  TITED WITH:  10 (off) position  11 Sthe panel builder's responsibility.  12 Is the panel builder's responsibility.  13 Is the panel builder's responsibility.  15 Is the panel builder's responsibility.  16 Is the panel builder's responsibility.  17 Is the panel builder's responsibility.  18 Is the panel builder's responsibility.  19 Is the panel builder's responsibility.  19 Is the panel builder's responsibility.  19 Is the panel builder's responsibility.  18 Is the panel builder's responsibility.  19 Is the panel builder's responsibility.  18 Is the panel builder's responsibility.  19 Is the panel builder's responsibility.	10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	
Is the panel builder's responsibility.  Is the	10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	
ITHSTAND VOLTAGE  IS the panel builder's responsibility.  IS the panel builder's respo	10.9.2 POWER- FREQUENCY ELECTRIC STRENGTH	
Is the panel builder's responsibility.  ITED WITH: 0 (off) position  OLLUTION DEGREE 3  ICLOSURE MATERIAL Plastic  CTUATOR TYPE Short thumb-grip  JMBER OF AUXILIARY ONTACTS (CHANGE-VER CONTACTS)  JMBER OF AUXILIARY ONTACTS (NORMALLY ONTACTS (NORMALY ONTACTS (NORMA	10.9.3 IMPULSE WITHSTAND VOLTAGE	
DILLUTION DEGREE 3  ICLOSURE MATERIAL Plastic  CTUATOR TYPE Short thumb-grip  JMBER OF AUXILIARY DINTACTS (CHANGE- //ER CONTACTS)  JMBER OF AUXILIARY DINTACTS (NORMALLY DINTACTS (NORMALY DINTACTS (NORMALLY DINTACTS (NORMALY DINTACTS (NORMALLY DINTACTS (NORMALY DINTACTS (NORMALY DINTACTS (NORMALY DINTACTS (NORMALY DINTACTS (NORMALY DIN	10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	•
ICLOSURE MATERIAL  Plastic  CTUATOR TYPE  Short thumb-grip  JMBER OF AUXILIARY ONTACTS (CHANGE- J/ER CONTACTS)  JMBER OF AUXILIARY ONTACTS (NORMALLY OSED CONTACTS)  JMBER OF AUXILIARY ONTACTS (NORMALLY OPEN CONTACTS)  JMBER OF CONTACT NITS  ECTRICAL ONNECTION TYPE OF AIN CIRCUIT  OUNTING POSITION  OUNTING METHOD  Rear mounting  JERVOLTAGE ATTEGORY  JMBER OF CONTACTS  JMBER OF POLES  Single-pole  REGREE OF PROTECTION  NEMA 12 IP65  JMBER OF CONTACTS  EGREE OF PROTECTION  REVERSE  EGREE OF PROTECTION  REVERSE  EGREE OF PROTECTION  RONT SIDE)  NEMA 12 IP65  NEMA 12 IP65 IP65 IP65 IP65 IP65 IP65 IP65 IP65	FITTED WITH:	0 (off) position
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UMBER OF AUXILIARY ONTACTS (CHANGE- VER CONTACTS)  UMBER OF AUXILIARY ONTACTS (NORMALLY OSED CONTACTS)  UMBER OF AUXILIARY ONTACTS (NORMALLY ONTACTS (NORMALLY ONTACTS (NORMALLY ONTACTS (NORMALLY ONTACTS (NORMALLY ONTACTS (NORMALLY ONTACTS)  UMBER OF CONTACT NITS  ECTRICAL ONNECTION TYPE OF AIN CIRCUIT  OUNTING POSITION  As required  OUNTING METHOD  WERVOLTAGE ATTEGORY  UMBER OF POLES  Single-pole  EGREE OF PROTECTION  REMA 12  1P65  UMBER OF CONTACTS  QUARTICAL ONTACTS  ODEL  EGREE OF PROTECTION  EGREE OF PROTECTION  REVERSER  EGREE OF PROTECTION  RONT SIDE)  NEMA 12  ATED OPERATIONAL URRENT (IE) AT AC-21,  20 A	ENCLOSURE MATERIAL	Plastic
ONTACTS (CHANGE- //ER CONTACTS)  JMBER OF AUXILIARY ONTACTS (NORMALLY OSED CONTACTS)  JMBER OF AUXILIARY ONTACTS (NORMALLY ONTACTS (NORMALLY ONTACTS (NORMALLY ONTACTS (NORMALLY ONTACTS)  JMBER OF CONTACT NITS  ECTRICAL ONNECTION TYPE OF AIN CIRCUIT  OUNTING POSITION  As required  OUNTING METHOD  //ERVOLTAGE ATEGORY  JMBER OF POLES  Single-pole  EGREE OF PROTECTION  NEMA 12 IP65  JMBER OF CONTACTS  2  ODEL  Reverser  EGREE OF PROTECTION  RONT SIDE)  ATED OPERATIONAL JRRENT (IE) AT AC-21, 20 A	ACTUATOR TYPE	Short thumb-grip
ONTACTS (NORMALLY OSED CONTACTS)  JMBER OF AUXILIARY ONTACTS (NORMALLY PEN CONTACTS)  JMBER OF CONTACT 1  JMBER OF CONTACT 1  ECTRICAL ONNECTION TYPE OF AIN CIRCUIT  OUNTING POSITION As required  OUNTING METHOD Rear mounting  JERVOLTAGE III  JMBER OF POLES Single-pole  EGREE OF PROTECTION NEMA 12  IP65  JMBER OF CONTACTS 2  ODEL Reverser  EGREE OF PROTECTION IP65  RONT SIDE) NEMA 12  ATED OPERATIONAL  JERRENT (IE) AT AC-21, 20 A	NUMBER OF AUXILIARY CONTACTS (CHANGE- OVER CONTACTS)	0
ONTACTS (NORMALLY PEN CONTACTS)  JMBER OF CONTACT 1  ECTRICAL ONNECTION TYPE OF AIN CIRCUIT  OUNTING POSITION As required  OUNTING METHOD Rear mounting  JERVOLTAGE III  JMBER OF POLES Single-pole  EGREE OF PROTECTION NEMA 12  IP65  JMBER OF CONTACTS 2  ODEL Reverser  EGREE OF PROTECTION IP65  RONT SIDE) NEMA 12  ATED OPERATIONAL  JERRENT (IE) AT AC-21, 20 A	NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
ECTRICAL DINNECTION TYPE OF AIN CIRCUIT  OUNTING POSITION As required  OUNTING METHOD Rear mounting  VERVOLTAGE III  JUMBER OF POLES Single-pole  EGREE OF PROTECTION NEMA 12 IP65  JUMBER OF CONTACTS 2  ODEL Reverser  EGREE OF PROTECTION IP65 RONT SIDE) NEMA 12 ATED OPERATIONAL JURRENT (IE) AT AC-21, 20 A	NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
OUNTING POSITION OUNTING METHOD OUNTING OUNTIN	NUMBER OF CONTACT UNITS	1
OUNTING METHOD Rear mounting VERVOLTAGE ATEGORY  JMBER OF POLES Single-pole REGREE OF PROTECTION REGREE OF RE	ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Screw connection
VERVOLTAGE ATEGORY  JMBER OF POLES  Single-pole  NEMA 12 IP65  JMBER OF CONTACTS  ODEL  Reverser  EGREE OF PROTECTION IP65 RONT SIDE)  ATED OPERATIONAL JRRENT (IE) AT AC-21, 20 A	MOUNTING POSITION	As required
JMBER OF POLES  EGREE OF PROTECTION  JMBER OF CONTACTS  ODEL  EGREE OF PROTECTION  Reverser  EGREE OF PROTECTION  IP65  RONT SIDE)  ATED OPERATIONAL  JRRENT (IE) AT AC-21, 20 A	MOUNTING METHOD	Rear mounting
INEMA 12 IP65  JMBER OF CONTACTS 2  ODEL Reverser  EGREE OF PROTECTION IP65 RONT SIDE) NEMA 12  ATED OPERATIONAL JURRENT (IE) AT AC-21, 20 A	OVERVOLTAGE CATEGORY	III
IP65  JMBER OF CONTACTS 2  ODEL Reverser  EGREE OF PROTECTION IP65 RONT SIDE) IP65  ATED OPERATIONAL JERRENT (IE) AT AC-21, 20 A	NUMBER OF POLES	Single-pole
Reverser  EGREE OF PROTECTION IP65 RONT SIDE) NEMA 12  ATED OPERATIONAL URRENT (IE) AT AC-21, 20 A	DEGREE OF PROTECTION	= =
EGREE OF PROTECTION IP65 RONT SIDE) NEMA 12 ATED OPERATIONAL URRENT (IE) AT AC-21, 20 A	NUMBER OF CONTACTS	2
RONT SIDE)  NEMA 12  ATED OPERATIONAL  JURRENT (IE) AT AC-21, 20 A	MODEL	Reverser
<b>JRRENT (IE) AT AC-21,</b> 20 A	DEGREE OF PROTECTION (FRONT SIDE)	
0 V	RATED OPERATIONAL CURRENT (IE) AT AC-21, 440 V	20 A

RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V	11.5 A
SUITABLE FOR	Intermediate mounting Ground mounting Front mounting
RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ	4 kW
RATED UNINTERRUPTED CURRENT (IU)	20 A
SWITCHING ANGLE	60 °
DESIGN	8210

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