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## Eaton 207327

Eaton Moeller® series P1 Panic switches, P1, 32 A, surface mounting, 3 pole, with red thumb grip and yellow front plate, Cylinder lock SVA

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<b>PRODUCT NAME</b>	Eaton Moeller® series P1 Panic switch
<b>CATALOG NUMBER</b>	207327
<b>PRODUCT LENGTH/DEPTH</b>	126 mm
<b>PRODUCT HEIGHT</b>	180 mm
<b>PRODUCT WIDTH</b>	100 mm
<b>PRODUCT WEIGHT</b>	0.544 kg
<b>CERTIFICATIONS</b>	VDE 0660 IEC/EN 60204 IEC/EN 60947 IEC/EN 60947-3

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TYPE	Panic switch
PRODUCT CATEGORY	Switch with locking mechanism
ACTUATOR COLOR	Red
ACTUATOR FUNCTION	Maintained
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.

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DECLARATIONS OF CONFORMITY	<a href="#">eaton-main-switch-declaration-of-conformity-uk251290en.pdf</a>
□□□□□	<a href="#">IL03801015Z</a>
□□□	<a href="#">eaton-rotary-switches-on-off-switch-p3-main-switch-wiring-diagram.eps</a>
□□	<a href="#">eaton-rotary-switches-front-plate-t0-on-off-switch-symbol-003.eps</a>

<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>FITTED WITH:</b>	Red thumb grip and yellow front plate
<b>OPERATING FREQUENCY</b>	1200 Operations/h
<b>POLLUTION DEGREE</b>	3
<b>CLIMATIC PROOFING</b>	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	6000 V AC
<b>RATED PERMANENT CURRENT AT AC-21, 400 V</b>	32 A
<b>RATED PERMANENT CURRENT AT AC-23, 400 V</b>	32 A
<b>RATED UNINTERRUPTED CURRENT (IU)</b>	32 A
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
<b>SWITCHING ANGLE</b>	90 °
<b>SWITCHING POWER AT 400 V</b>	15 kW
<b>VOLTAGE PER CONTACT PAIR IN SERIES</b>	60 V

<b>ACCESSORIES</b>	<ul style="list-style-type: none"> <li>• 2 keys included with supplied equipment.</li> <li>• Auxiliary contact or neutral conductor fitted by user.</li> </ul>
<b>DEVICE CONSTRUCTION</b>	Complete device in housing
<b>RATED SHORT-TIME WITHSTAND CURRENT (ICW)</b>	0.64 kA 640 A, Contacts, 1 second
<b>ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT</b>	Screw connection
<b>MOUNTING POSITION</b>	As required
<b>ACTUATOR TYPE</b>	Short thumb-grip
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	40 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX</b>	40 °C
<b>AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN</b>	-25 °C
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	0 W
<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>	1.8 W
<b>NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)</b>	0
<b>NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)</b>	0
<b>RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)</b>	80 kA
<b>OVERVOLTAGE CATEGORY</b>	III
<b>CONTROL CIRCUIT RELIABILITY</b>	1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA)
<b>DEGREE OF PROTECTION (FRONT SIDE)</b>	IP65

<b>NUMBER OF POLES</b>	3
<b>MOUNTING METHOD</b>	Surface mounting
<b>DEGREE OF PROTECTION</b>	NEMA 12
<b>SUITABLE FOR</b>	Ground mounting
<b>FUNCTIONS</b>	Emergency switching off function
<b>NUMBER OF SWITCHES</b>	1
<b>SAFE ISOLATION</b>	440 V AC, Between the contacts, According to EN 61140
<b>SCREW SIZE</b>	M4, Terminal screw
<b>INSCRIPTION</b>	0-1
<b>SHOCK RESISTANCE</b>	15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms
<b>LIFESPAN, MECHANICAL</b>	300,000 Operations
<b>LOCKING MECHANISM</b>	Cylinder lock SVA
<b>LOAD RATING</b>	<p>1.3 x I<sub>e</sub> (with intermittent operation class 12, 60 % duty factor)</p> <p>1.6 x I<sub>e</sub> (with intermittent operation class 12, 40 % duty factor)</p> <p>2 x I<sub>e</sub> (with intermittent operation class 12, 25 % duty factor)</p>
<b>TERMINAL CAPACITY</b>	<p>2 x (1 - 4) mm<sup>2</sup>, flexible with ferrules to DIN 46228</p> <p>1 x (1 - 4) mm<sup>2</sup>, flexible with ferrules to DIN 46228</p> <p>1 x (1.5 - 6) mm<sup>2</sup>, solid or stranded</p> <p>2 x (1.5 - 6) mm<sup>2</sup>, solid or stranded</p>
<b>SAFETY PARAMETER (EN ISO 13849-1)</b>	B10d values as per EN ISO 13849-1, table C.1
<b>NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)</b>	0
<b>NUMBER OF CONTACTS IN SERIES AT DC-23A, 120 V</b>	3
<b>NUMBER OF CONTACTS IN SERIES AT DC-23A, 24 V</b>	1
<b>NUMBER OF CONTACTS IN SERIES AT DC-23A, 48 V</b>	2
<b>NUMBER OF CONTACTS IN SERIES AT DC-23A, 60 V</b>	2
<b>RATED BREAKING CAPACITY AT 220/230 V</b>	260 A

<b>(COS PHI TO IEC 60947-3)</b>	
<b>RATED BREAKING CAPACITY AT 400/415 V (COS PHI TO IEC 60947-3)</b>	300 A
<b>RATED BREAKING CAPACITY AT 500 V (COS PHI TO IEC 60947-3)</b>	290 A
<b>RATED BREAKING CAPACITY AT 660/690 V (COS PHI TO IEC 60947-3)</b>	250 A
<b>RATED MAKING CAPACITY UP TO 690 V (COS PHI TO IEC/EN 60947-3)</b>	320 A
<b>RATED OPERATING VOLTAGE (UE) - MAX</b>	690 V
<b>RATED OPERATING VOLTAGE (UE) - MIN</b>	690 V
<b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX</b>	690 V
<b>SHORT-CIRCUIT PROTECTION RATING</b>	50 A gG/gL, Fuse, Contacts
<b>RATED OPERATIONAL CURRENT (IE) AT AC-21, 440 V</b>	32 A
<b>RATED OPERATIONAL CURRENT (IE) AT AC-23A, 230 V</b>	32 A
<b>RATED OPERATIONAL CURRENT (IE) AT AC-23A, 400 V, 415 V</b>	32 A
<b>RATED OPERATIONAL CURRENT (IE) AT AC-23A, 500 V</b>	30 A
<b>RATED OPERATIONAL CURRENT (IE) AT AC-23A, 690 V</b>	19.8 A
<b>RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V</b>	26.4 A
<b>RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V</b>	26.4 A
<b>RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V</b>	23.4 A
<b>RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V</b>	14.7 A
<b>RATED OPERATIONAL CURRENT (IE) AT DC-1,</b>	32 A

<b>LOAD-BREAK SWITCHES</b> <b>L/R = 1 MS</b>	
<b>RATED OPERATIONAL CURRENT (IE) AT DC-23A, 120 V</b>	12 A
<b>RATED OPERATIONAL CURRENT (IE) AT DC-23A, 24 V</b>	25 A
<b>RATED OPERATIONAL CURRENT (IE) AT DC-23A, 48 V</b>	25 A
<b>RATED OPERATIONAL CURRENT (IE) AT DC-23A, 60 V</b>	25 A
<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	32 A
<b>RATED OPERATIONAL POWER AT AC-23A, 220/230 V, 50 HZ</b>	7.5 kW
<b>RATED OPERATIONAL POWER AT AC-23A, 400 V, 50 HZ</b>	15 kW
<b>RATED OPERATIONAL POWER AT AC-23A, 500 V, 50 HZ</b>	18.5 kW
<b>RATED OPERATIONAL POWER AT AC-23A, 690 V, 50 HZ</b>	15 kW
<b>RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ</b>	13 kW
<b>RATED OPERATIONAL POWER AT AC-3, 415 V, 50 HZ</b>	13 kW
<b>RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ</b>	15 kW
<b>TIGHTENING TORQUE</b>	1.6 Nm, Screw terminals
<b>UNINTERRUPTED CURRENT</b>	Rated uninterrupted current I <sub>u</sub> is specified for max. cross-section.
<b>HOUSING COLOR</b>	Gray
<b>HOUSING MATERIAL</b>	Plastic

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:



  Eaton House  
30 Pembroke Road  
Dublin 4,    
Eaton.com

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