

# Specyfikacje



## Eaton 172945

Eaton Moeller® series SOL30 Safety Fireman's switch 25 A; with gland nut; undervoltage release 24 VDC

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series SOL30 Safety Fireman's switch
<b>CATALOG NUMBER</b>	172945
<b>EAN</b>	4015081695331
<b>PRODUCT LENGTH/DEPTH</b>	255 mm
<b>PRODUCT HEIGHT</b>	135 mm
<b>PRODUCT WIDTH</b>	165 mm
<b>PRODUCT WEIGHT</b>	0.852 kg
<b>CERTIFICATIONS</b>	IEC/EN 60 947-3
<b>MODEL CODE</b>	SOL30-SAFETY/2MV-U(24VDC)



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## Features & Functions

<b>ACTUATOR COLOR</b>	Black
<b>ACTUATOR TYPE</b>	Toggle
<b>FEATURES</b>	Version as maintenance- /service switch
<b>FITTED WITH:</b>	Voltage release optional
<b>LOCKING FACILITY</b>	Lockable in the 0 (Off) position (with padlock)
<b>NUMBER OF POLES</b>	Single-pole

## Climatic environmental conditions

<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	60 °C
<b>CLIMATIC PROOFING</b>	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

## General

<b>APPLICATION</b>	<ul style="list-style-type: none"><li>Residential buildings</li><li>Utility buildings</li></ul>
<b>CONNECTION TYPE</b>	M12, Inputs M12, Outputs
<b>DEGREE OF PROTECTION</b>	NEMA Other
<b>DEGREE OF PROTECTION (FRONT SIDE)</b>	IP65
<b>LIFESPAN, ELECTRICAL</b>	1,500 Operations
<b>LIFESPAN, MECHANICAL</b>	100,000 Operations
<b>OPERATING FREQUENCY</b>	120 Operations/h
<b>OVERVOLTAGE CATEGORY</b>	III
<b>POLLUTION DEGREE</b>	3
<b>PRODUCT CATEGORY</b>	<ul style="list-style-type: none"><li>Fireman's Switch</li><li>Switchgear for photovoltaic systems</li></ul>
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	8000 V
<b>SUITABLE FOR</b>	Ground mounting Floor mounting
<b>UTILIZATION CATEGORY</b>	DC-21 A DC-PV (EN 60947-3)

## Contacts

<b>NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)</b>	1
<b>NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)</b>	0
<b>NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)</b>	0

## Electrical rating

**RATED OPERATIONAL CURRENT (IE) AT DC-21A** 26 A

**RATED OPERATIONAL POWER AT AC-23A, 400 V, 50 HZ** 0 kW

**RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ** 0 kW

**RATED UNINTERRUPTED CURRENT (IU)** 32 A

**RESISTANCE** 7 mΩ (internal)

## Short-circuit rating

**RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)** 0 kA

**RATED SHORT-CIRCUIT MAKING CAPACITY (ICM)** 0.32 kA (up to 440 V, 50/60 Hz)

**RATED SHORT-TIME WITHSTAND CURRENT (ICW)** 0.36 kA

## Do pobrania

	<a href="#">eaton-manual-motor-starters-switch-sol30-fireman's-switch-dimensions.eps</a>
<b>CHARACTERISTIC CURVE</b>	<a href="#">eaton-motorstarters-undervoltage-sol30-fireman's-switch-characteristic-curve.eps</a>
	<a href="#">eaton-manual-motor-starters-sol30-fireman's-switch-3d-drawing-008.eps</a>
	<a href="#">eaton-manual-motor-starters-sol30-fireman's-switch-3d-drawing.eps</a>
<b>INSTRUKCJE MONTAŻU</b>	<a href="#">eaton-fireman-switch-sol30-safety-il03801002z.pdf</a>
<b>KATALOGI</b>	<a href="#">eaton-feuerwehrschafter-das-große-plus-an-sicherheit.pdf</a>
<b>MODELE ECAD</b>	<a href="#">DA-CE-ETN.SOL30-SAFETY_2MV-U(24VDC)</a>

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATA:**

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