

Fireman's switch, for 3 strings, 25A, MC4



Part no. SOL30X3-SAFETY-MC4-U(230V50HZ)
168100
EL Number 4300332
(Norway)

General specifications		
Product name		Eaton Moeller® series SOL30 Safety Fireman's Switch
Part no.		SOL30X3-SAFETY-MC4-U(230V50HZ)
EAN		4015081646777
Product Length/Depth		150 millimetre
Product height		410 millimetre
Product width		250 millimetre
Product weight		5.5 kilogram
Certifications		IEC/EN 60 947-3
Product Tradename		SOL30 Safety
Product Type		Fireman's Switch
Product Sub Type		None
Features & Functions		
Actuator type		Turn button
Enclosure material		Plastic
Features		Complete device in housing
Fitted with:		Retraction in 0-position 0 (off) position
Number of poles		Two-pole
General information		
Application		Residential buildings Utility buildings
Connection type		MC4, Inputs MC4, Outputs
Degree of protection		IP65
Degree of protection (front side)		IP65 NEMA Other
Lifespan, electrical		1,500 Operations
Lifespan, mechanical		100,000 Operations
Model		On/Off switch
Operating frequency		120 Operations/h
Overvoltage category		III
Pollution degree		3
Product Category		Fireman's Switch Switchgear for photovoltaic systems
Rated impulse withstand voltage (Uimp)		8000 V
Suitable for		Ground mounting
Utilization category		DC-21 A DC-PV1 (EN 60947-3) DC-PV2 (EN 60947-3)
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		60 °C
Climatic proofing		Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Contacts		
Number of auxiliary contacts (change-over contacts)		0
Number of auxiliary contacts (normally closed contacts)		1
Number of auxiliary contacts (normally open contacts)		1
Electrical rating		
Rated operational current (Ie)		30 A at AC-21A

		30 A at DC-PV1 10 A at DC-PV2
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V		0 A
Rated operational power at AC-3, 380/400 V, 50 Hz		0 kW
Rated operational voltage (Ue) at AC - max		1000 V
Rated uninterrupted current (Iu)		30 A
Resistance		7 mΩ (internal)
Short-circuit rating		
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

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Off-load switch (EC001105)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Changeover switch (ecl@ss10.0.1-27-37-14-05 [AKF062013])

Model		On/Off switch
Number of poles		2
With zero (off) position		Yes
With retraction in 0-position		Yes
Rated permanent current Iu	A	30
Rated operation current Ie at AC-3, 400 V	A	0
Rated operation power at AC-3, 400 V	kW	0
Degree of protection (IP), front side		IP65
Degree of protection (NEMA), front side		Other
Number of auxiliary contacts as normally closed contact		1
Number of auxiliary contacts as normally open contact		1
Number of auxiliary contacts as change-over contact		0
Suitable for floor mounting		Yes
Suitable for front mounting		No
Suitable for distribution board installation		No
Suitable for intermediate mounting		No
Complete device in housing		Yes
Material housing		Plastic
Type of control element		Turn button
Type of electrical connection of main circuit		Screw connection