

INDUSTRIAL COMPONENT DATA

PKZ-SOL12 120937 Y7-120937 EATON ELECTRIC String circuit-breaker, DC current, 2p, 12A

Brand: EATON - MOELLER | Manufacturer Part Number: PKZ-SOL12



Manufacturer	EATON - MOELLER
MPN / Reference	PKZ-SOL12
Catalog number	Y7-120937
Category	Power circuit-breaker for trafo/generator/installation protection
Minimum order	1 Pcs
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Product Overview

String circuit-breaker, DC current, 2p, 12A

PKZ-SOL12

Eaton Moeller® series PKZ-SOL String circuit-breaker, DC current, 2p, 12A

String circuit-breakers PKZ-SOL are the fuseless alternative for the protection of photovoltaic modules against short-circuit currents. With their variable tripping range, they can be optimally adjusted to the actual short-circuit current of a string. Using the optional delayed undervoltage release P-SOL-XUV, remote switching, for example, for the fire brigade is possible.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path EATON - MOELLER > Solar Switches

Additional Product Information

General specifications

Product Name Eaton Moeller® series PKZ-SOL String circuit-breaker Catalog Number 120937 Model Code PKZ-SOL12
EAN 4015081187676 Product Length/Depth 93 mm Product Height 76 mm Product Width 58 mm Product Weight 0.308 kg
Certifications IEC 60947-2

EN 60947-2

IEC/EN 60947-2

TÜV-certified Features & Functions

Actuator type Turn button Design Open Features Complete device with protection unit Number of poles Two-pole General
Application Degree of protection IP20 Mounting Method DIN rail (top hat rail) mounting optional

Top-hat rail fixing (according to IEC/EN 60715, 35 mm) Overload release current setting - min 8 A Overload release current

setting - max 12 A Product category String circuit-breakers

Switchgear for photovoltaic systems

Protection class 2 Suitable for DIN rail (top hat rail) mounting Climatic environmental conditions

Ambient operating temperature - min -25 °C Ambient operating temperature - max 60 °C Climatic proofing Damp heat, constant, to IEC 60068-2-78

Damp heat, cyclic, to IEC 60068-2-30 Terminal capacities

Terminal capacity (flexible with ferrule) 2 x (1 - 6) mm², ferrule to DIN 46228

1 x (1 - 6) mm², ferrule to DIN 46228 Terminal capacity (solid/stranded AWG) 18 - 14 Electrical rating

Internal resistance 31 mΩ Rated operational current (Ie) 12 A at AC-21A Rated operational voltage (Ue) - min 900 V Rated operational voltage (Ue) - max 900 V Rated uninterrupted current (Iu) 12 A Short-circuit current 5 - 9 A, Ics, Admissible short-circuit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PKZ-SOL12 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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