

INDUSTRIAL COMPONENT DATA

IKA-SOL20-X22-PKZ-T2-1/18-VM-A EP-501985 Y7-501985

EATON ELECTRIC PV DC PKZ box 2IN+2OUT Type 2

Brand: EATON - MOELLER | Manufacturer Part Number: IKA-SOL20-X22-PKZ-T2-1/18-VM-A



Manufacturer	EATON - MOELLER
MPN / Reference	IKA-SOL20-X22-PKZ-T2-1/18-VM-A
Catalog number	Y7-501985
Category	Photovoltaic DC Stringbox
Minimum order	1 Pcs
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Product Overview

PV DC PKZ box 2IN+2OUT Type 2

Photovoltaic DC string box, 2x IN + 2x OUT, PKZ-SOL, SPD Type2, direct connection, IKA-1/18, indoor only

Photovoltaic DC string box, factory assembled by Eaton: IEC 61439-2 Annex-DD. For inverters with 2 MPP tracker: 2x IN + 2x OUT, Integrated devices: PKZ-SOL PV-string circuit-breaker and PV-surge-protection-device type 2, Cable glands for direct connection to the devices, IKA box 1-row with 18 module units and transparent window, for indoor installation only. For safe operation please note the min. and max. permissible ambient air temperature in the technical data sheet

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 > Compact Distribution Boxes

Additional Product Information

General specifications

Product Name Eaton xComfort IKA SOLAR photovoltaic DC stringbox Catalog Number EP-501985 Model Code IKA-SOL20-X22-PKZ-T2-1/18-VM-A EAN 9010653063872 Product Length/Depth 148 mm Product Height 323 mm Product Width 418 mm Product Weight 4.742 kg Certifications IEC 61439-2 Annex DD Delivery program

Color Gray Technical data - electrical

Voltage protection level 3.8 KV Input voltage DC - max 900 V Rated operational voltage (Ue) 900 V Rated current InA of the switchgear assembly 2 x 20 A Rated current Inc of a circuit 20 A Input current per string - max 20 A Output current - max 20 A Discharge current In (8/20 μ s) 20 kA Discharge current Itotal (8/20 μ s) - max. 40 kA Technical data - mechanical Type of inlet Gland nut Enclosure material ABS (plastic) Height of enclosure 286 mm Length/depth of enclosure 145 mm Width of enclosure 418 mm Mounting method Surface mounting Conductor cross section PE: 16 - 25 mm²

min./max.: 6 mm² Material Plastic Degree of Protection IP65 Impact strength IK10 Protection class II (totally insulated)
Operating temperature - min -5 °C Operating temperature - max 40 °C Relative humidity (Indoor installation) - max 70%
(+30°C)
57% (+40°C)
95% (-5°C - +30°C) Relative humidity (Outdoor installation) - max 0% Number of conduit inlets 5 Number of inputs 2
Number of module space units per row 18 Number of rows 1 Number of string inputs 2 Fuse type Other For fuse size Other
Fuse size input 0 A Cover/door color Transparent Connection type dir...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / IKA-SOL20-X22-PKZ-T2-1/18-VM-A with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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