

Photovoltaic DC string box, 1x IN + 1x OUT, SPD Type12, MC4 connection, IKA-1/8, outdoor protected



Part no. **IKA-SOL20-X11-T12-1/8-MC4-B**  
**EP-501988**

General specifications		
Product name		Eaton xComfort IKA SOLAR photovoltaic DC stringbox
Part no.		IKA-SOL20-X11-T12-1/8-MC4-B
EAN		9010653063902
Product Length/Depth		118 millimetre
Product height		268 millimetre
Product width		238 millimetre
Product weight		4.772 kilogram
Certifications		IEC/EN 61439-2
Product Tradename		xComfort IKA SOLAR
Product Type		Photovoltaic DC stringbox
Product Sub Type		None
Countries		Germany Austria Italy
Product Specification Details		
Conductor cross section		min./max.: 6 mm <sup>2</sup> PE: 16 - 25 mm <sup>2</sup>
Connection type		MC4
Cover/door color		Transparent
DC Generator switch		None
DC Surge arrester		Type 12
Delivery condition		Ready to connect
Enclosure material		Polycarbonate (plastic)
Location type		Outdoor installation – without solar radiation
Mounting method		Surface mounting
Protection class		II (totally insulated)
PV string on inverter input		1 x IN + 1 x OUT
Rated current I <sub>nA</sub> of the switchgear assembly		1 x 19.5 A
Relative humidity (Indoor installation) - max		95% (-5°C - +30°C) 70% (+30°C) 57% (+40°C)
Relative humidity (Outdoor installation) - max		100% (-25°C - +27°C) 60% (+35°C) 46% (+40°C)
Switchgear assembly		PVA