

PRODUCT-DETAILS

# 3M22990F001A

## TRIO-27.6-TL-OUTD-S2X-400 Inverter



### General Information

Global Commercial Alias	3M22990F001A
Extended Product Type	TRIO-27.6-TL-OUTD-S2X-400
Product ID	6AGC002844
EAN	8054529631162
Catalog Description	TRIO-27.6-TL-OUTD-S2X-400 Inverter
Long Description	Three-phase string inverter, 27600Wac, 2 MPPT, 5 DC input for each MPPT, RS485 communication interface, IP65 (NEMA4x) environmental protection degree, integrated DC and AC disconnect switch, DC and AC surge arrester (type 2), string fuses (5+5 on each MPPT) and single string current monitoring

### Ordering

Customs Tariff Number	85044088
Invoice Description	TRIO-27.6-TL-OUTD-S2X-400;RoHS
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece

### Dimensions

Product Net Depth / Length	292 mm
Product Net Width	702 mm
Product Net Height	1061 mm
Product Net Weight	76 kg

## Technical

Rated Output Power	27600 W
Number of Maximum Power Point (MPP) Trackers	2
Maximum Power Point (MPP) Voltage	500 V ...800 V
Function	Integrated DC and AC disconnect switch, DC and AC surge arrester type 2, string fuses
Communication Interface	WLAN
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP65
Display Type	Standard
Electrical Quantities Monitoring Type	Three Phase
Input Current Maximum ( $I_{in}$ )	64 A
Input Voltage ( $U_{in}$ )	200 V ...950 V
Maximum Input Power DC	34500 W
Number of Connections	10 DC plug connections
Number of Phases	3-phase
Options Available	Without data logging
Options Provided	Without transformer
Rated Efficiency (EURO/CEC)	98 %
Suitable For	Switch disconnecter; Outdoor mounting

## Container Information

Package Level 1 EAN	8054529631162
Package Level 1 Depth / Length	1198 mm
Package Level 1 Width	788 mm
Package Level 1 Height	596 mm
Package Level 1 Units	packet 1 piece
Package Level 1 Gross Weight	104.5 kg

## Environmental

RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	190722

## Additional Information

Country of Origin	Italy (IT)
Product Main Type	TRIO
Product Name	Inverter
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

## Certificates and Declarations (Document Number)

Data Sheet, Technical	BCD.00379
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Information

Declaration of Conformity - CE	9AKK106103A5493
RoHS Information	9AKK106103A5493
Instructions and Manuals	9AKK106103A7585

**Classifications**

ETIM 6	EC001747 - Photovoltaics DC/AC grid inverter
ETIM 7	EC001747 - DC/AC grid inverter

**Accessories**

Identifier	Description	Type	Quantity	Unit Of Measure
6AGC003076	ACCESSORY;WEIDMULLER DC CABLE CONNECTOR KIT;TRIO MODELS;EMEA & APAC	ACCESSORY;W EIDMULLER DC CABLE CONNECTOR KIT;TRIO MODELS;EMEA & APAC Connectors kit	1	PCE
6AGC003081	ACCESSORY;SPARE PART FOR SERVICE;ABB KIT SPD DC SIDE;FOR TRIO MODELS 3M22/3M44/3M88/3N62/3N83	ACCESSORY;S PARE PART FOR SERVICE;ABB KIT SPD DC SIDE;FOR TRIO MODELS 3M22/3M44/3M88/3N62/3N83 Accessory	1	PCE
6AGC003082	KIT SPD DC SIDE 4+1;TRIO SIDE 4+1;TRIO	KIT SPD DC Accessory	1	PCE

**Categories**

Power Converters and Inverters → Solar Inverters → String Inverters → Three Phase → TRIO-20.0-TL, TRIO-27.6-TL

