

Mains and system protection

## GNA 7310



### GNA 7310

#### Mains and system protection

Productnumber: 03331001

Dimensions: 640 x 640 x 254 mm

Network and system protection enclosure as disconnection point in accordance with VDE-AR-N 4105 for photovoltaic systems and combined heat and power plants, rated current of the circuit-breaker 160 A, ICu: 50 kA (415V), LS/I trip unit setting range: 64-160 A, rated power: 100 kVA, supplied in assemblies for individual configuration on installation location, simple combination using plug-in system and enclosed accessories, incl. with GFS 14-m flange set and two GFL 381-m flanges (3xM63/M50/M40) for closing the sides of the enclosure, can be individually extended with additional GTi enclosure solutions

**3-pole for TN-S, TN-C, TN-C-S - Systems,  
MCCB connections: M6 screw terminal, PE/N - Terminals:  
Clamp terminal 2 x 50 mm<sup>2</sup>**



## Technical Data

### electrical characteristics

Rated operating voltage AC:	400 V
Rated insulation voltage AC:	690 V
Protection class:	II
Type of protection:	IP65
vented:	no
Rated current:	160 A
with rail system:	no
UL Type Rating:	3R

### Colours

Base unit colour:	grey
Cover colour:	transparent

### Dimensions

Width:	640 mm
Length:	640 mm
Height:	254 mm
Weight:	12.3 kg

### Material characteristics

UV-resistant:	yes
Halogen free:	yes
Glow-wire flammability:	960 °C (EN 60695-2-11)

### mechanical properties

Type of fastening:	Surface mounted
Impact strength:	IK08
Sealable:	yes
Cover screw torque:	2.5 Nm
Flange variant:	yes

### mechanical properties

with fastening points in the cover:	no
-------------------------------------	----

### Ambient conditions

max. relative humidity 25°C:	95 %
max. relative humidity 40°C:	50 %
Min. ambient temperature:	-25 °C
Max. ambient temperature:	40 °C
24h ambient temperature:	35 °C
Installation location:	protected outdoor areas

### Sales Information

EAN:	4013902690329
ETIM Class:	EC002283
Custom tariff number:	85369095
Minimum order quantity:	1

### Material

Base unit material:	Polycarbonate, glass-fibre reinforced
Cover material:	Polycarbonate
Sealing material:	Polyurethane
Cover screw material:	Polyamide, glass-fibre reinforced