

JUNCTION CABINET FOR SOLAR PHOTOELECTRIC MODULES (a low-voltage complete set)

PJB.01.(10-14)



General Specifications

- + Adaptable to the configuration of the solar station (up to 24 blocks of photovoltaic panels can be connected)
 - + Maximum protection against internal damage (proper layout and quality of components)
 - + No additional costs for supporting structures (installed directly in the soil)
 - + Small size and high power (equipped with a natural ventilation system)
 - + Fire- and damage-resistant polyester and fibreglass housing
 - + High safety in operation (all conductive parts are protected from touch)
 - + Protection from access by unauthorized personnel (door handle with lock (master key for the entire batch))
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The main technical specifications, which can be changed depending on the specific order terms, are provided

TECHNICAL DATA

Number of jumper connections for photovoltaic panels до 14
Maximum photovoltaic panel conductor cross-section до 10 mm²

Specification of fuses in solar panel strings

Fuse type CH10/SP (10,3x85 mm)
Holder type PCF 10 (1x38)
Fuse rated current 12 A
Maximum operating current 1000 V(DC)
Limiting current 30 kA

Voltage-surge protector specification

Type ETITEC C-PV 1000/20
Maximum operating current 1000 B (DC)
Rated discharge current 20 I_{rated}, kA
Maximum discharge current 40 I_{max}, kA
Safety level <4 kV
Trigger time 25 ns
Thermal protection Available
Internal fuse rated current 125 A

Load switch specification

Type S6-01602ES0
Maximum operating current 160 A
Maximum operating voltage 1000 B (DC)
Maximum breaking current 20 kA
Thermal resistance 12 kA
Maximum cross-section of the connected conductor 185 mm²
Mechanical resource, number of operations, min 20000

Bus specification

Bus material copper
Bus dimensions 20x5 mm
Maximum operating current 363 A

Output circuit specification

Maximum operating voltage 1000 V (DC)
Maximum operating current 160 A (DC)
Maximum allowed cross-section of the inverter connection cable 185 mm²

Загальна специфікація

Working temperature -50°C ÷ +40°C
WxHxD 530x1510x300 mm
Weight до 30 kg
IP IP 54

KNESS Product

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