

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

PJB.01.(15-24)



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 requirements, are provided

TECHNICAL DATA

Number of jumper connections for photovoltaic panels	up to 24
Maximum cross-section of connected conductor from photovoltaic panels	до 10 мм ²

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 working current	1000 V(DC)
Limiting current	30kA

Voltage-surge protector specification

Type	ETITEC C-PV 1000/20
Maximum working current	1000 B (DC)
Rated discharge current	20 Iном, кА
Maximum discharge current	40 Iмакс, кА
Safety level	<4 кВ
Trigger time	25 ns
Thermal protection	Available
Internal fuse rated current	125 A

Load deactivator specification

Type	S6-0xxx2ES0 Telergon
Maximum working current	250, 315 A
Maximum working voltage	1000 V (DC)
Maximum deactivation current	20 kA
Thermal resistance	12 kA
Maximum cross-section of the connected conductor	185 мм ²
Mechanical resource, number of operations, at least	20000

Bus specification

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

Output circuit specification

Maximum working voltage	1000 V (DC)
Maximum working current	250 A, 315 A (DC)
Maximum allowed cross-section of the inverter connection cable	185 мм ²

General Specification

Working temperature	-50°C ÷ +40°C
WxHxD	700x1510x300 mm
Weight	up to 40 kg
IP	IP 54

KNESS Product

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