



- DESIGN: MODULAR
- DEGREE OF PROTECTION: IP65
- YEARS OF WARRANTY: 5
- UV RESISTANCE: YES
- READY TO CONNECT: YES
- WEIGHT: 2.420 KG



The connection panel from the Polish manufacturer KENO serves as a disconnect switch on the direct current side. It is designed for use in grounded and isolated photovoltaic installations. Due to the high degree of IP protection, outdoor installation is possible. The design of the switchgear is intended for surface mounting. Depending on the equipment, switchboards can perform various functions.

#### BASIC PARAMETERS DC SIDE

|                                             |                   |
|---------------------------------------------|-------------------|
| Number of inputs   PV string outputs        | 2   2             |
| Quantity   Type of DC surge arrester   Type | 0   0   -         |
| DC disconnect                               | (1)32A            |
| Connection type                             | Array MC4 Stäubli |

#### ELECTRICAL AND MECHANICAL PARAMETERS OF THE HOUSING

|                                                                    |                          |
|--------------------------------------------------------------------|--------------------------|
| Model                                                              | PHS 12 T                 |
| Number of fields                                                   | 12                       |
| Dimensions of housing without chokes and MC4 (Length Width Height) | 144.00   259.00   319.00 |
| Design in accordance with                                          | EN 60670-1, EN 62208     |
| Level of security                                                  | IP65                     |
| Protection class                                                   | II                       |
| Rated insulation voltage $U_i$                                     | 400 V AC, 1500 V DC      |
| The incandescent rod test                                          | 650°C                    |
| Impact resistance                                                  | IK08                     |
| UV resistance                                                      | YES                      |
| Recyclable plastic                                                 | bezhalogenowy            |

Working temperature

-25°C - +60°C

#### Zastosowany DC disconnect (1)

Model

Ex9IP 32A

Made in accordance with

IEC/EN 60947-3

Rated voltage

500 (2P), 750 (3P), 1000 (4P)

Rated current

32

Category of use

DC-22B

Rated voltage of the insulation  $U_i$

1000V

Rated impulse withstand voltage  $U_{imp}$

6 kV

Rated short-time withstand current  $I_{cw}$  1s

12x  $I_e$

Rated current short-circuit switched  $I_{cm}$  (wartość szczytowa)

20x  $I_e$

Mechanical durability

20 000 connections

Electrical durability

2 000 connections

