



- DESIGN: MODULAR
- DEGREE OF PROTECTION: IP65
- YEARS OF WARRANTY: 5
- UV RESISTANCE: YES
- READY TO CONNECT: YES
- WEIGHT: 7.06 KG



The connection panel from the Polish manufacturer EMITER provides protection against the effects of both indirect and direct discharges 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 | 6 6 |
| Quantity Type of DC surge arrester Type | 6 Noark T1/T2 |
| Connection type | Array MC4 Stäubli |

ELECTRICAL AND MECHANICAL PARAMETERS OF THE HOUSING

| | |
|--|--------------------------|
| Model | PHS 24 T |
| Number of fields | 24 |
| Dimensions of housing without chokes and MC4 (Length Width Height) | 144.00 320.00 384.00 |
| 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 |

DC surge arrester used (SPD)

| | |
|--|-------------------------------------|
| Manufacturer / Model | Noark Ex9UEP1+2 6.25(R) 3P 1000 |
| Made in accordance with | EN 61643-31 |
| Surge protection | PV T1+T2 (Klasa I+II, B+C, Typ 1+2) |
| Making the insert | MOV (Warystor) |
| Protection function | thermal |
| Protection mode | + → PE |
| - | - → PE |
| - | + ↔ - |
| Maximum continuous operating voltage U_{CPV} | |
| + → PE, - → PE | 1000 V |
| + ↔ - | 1000 V |
| Frequency | DC |
| Nominal discharge current I_n (8/20 μ s) | 20 kA |
| Maximum discharge current I_{max} (8/20 μ s) | 40 kA |
| Surge current I_{imp} (10/350 μ s) | |
| + → PE, - → PE | 6.25 kA |
| + ↔ - | 6.25 kA |
| Voltage protection level U_p by I_n | |
| + → PE, - → PE | 3.8 kV |
| + ↔ - | 3.8 kV |
| Leakage current I_{PE} by U_{REF} DC | < 50 μ A |
| Leakage current I_{PE} by U_{REF} AC | < 1 mA |
| Maximum short-circuit current I_{SCPV} | 1000 As |
| Number of ports | 1 |
| LV system type | DC, niezziemiony system PV |
| Auxiliary contact (optional) | 1 przemienny (CO) |
| Auxiliary contact, voltage / current | |
| AC U_{max} / I_{max} | 250 V AC / 1 A |
| DC U_{max} / I_{max} | 250 V DC / 0.1 A; 75 V DC / 0.5 A |
| Connection configuration | Y |



