



- DESIGN: MODULAR
- DEGREE OF PROTECTION: IP66
- YEARS OF WARRANTY: 2
- UV RESISTANCE: YES
- READY TO CONNECT: YES
- WEIGHT: 12.480 KG



The connection distribution board from the Polish manufacturer KENO provides protection against the consequences of both indirect and direct lightning discharges on the alternating current side. The connection distribution board is intended 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 AC SIDE

|                             |                                   |
|-----------------------------|-----------------------------------|
| AC Surge Protector   Type   | 0   T1/T2                         |
| Overcurrent circuit breaker | Without miniature circuit breaker |

#### ELECTRICAL AND MECHANICAL PARAMETERS OF THE HOUSING

|                                                                       |                                                                                                              |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Model                                                                 | BF-IP66 84                                                                                                   |
| The number of modules                                                 | 84                                                                                                           |
| Dimensions of housing without chokes and MC4<br>(Length Width Height) | 210.00   400.00   500.00                                                                                     |
| Design in accordance with                                             | EN/IEC 62208, EN/IEC 61439-1-4, Dyrektywa RoHS 2011/65/EU Dyrektywa Niskonapięciowa 2006/95/EC (do 1500 VDC) |
| Level of security                                                     | IP66                                                                                                         |
| Protection class                                                      | II                                                                                                           |
| Rated insulation voltage $U_i$                                        | 1000 V AC, 1500 V DC                                                                                         |
| The incandescent rod test                                             | 960°C                                                                                                        |
| Impact resistance                                                     | IK10 +35°C / IK08 -25°C                                                                                      |
| UV resistance                                                         | UL 508                                                                                                       |
| Flammability class                                                    | UL 94-5VA / UL 94-V0                                                                                         |

|                                  |                    |
|----------------------------------|--------------------|
| NEMA standard                    | NEMA 4, 4X, 12, 13 |
| Temperature °C (short-term)      | -40 ... 120°C      |
| Temperature °C (continuous work) | -40 ... 80°C       |
| Temperature °F (short-term)      | -40 ... 250°F      |
| Temperature °F (continuous work) | -40 ... 175°F      |