SH-1203 AC

STANDARD SERIES

- DESIGN: MODULAR
- DEGREE OF PROTECTION: IP65
- YEARS OF WARRANTY: 5
- UV RESISTANCE: YES
- READY TO CONNECT: YES
- WEIGHT: 1.200 KG

The connection switchgear is designed to supply photovoltaic inverters in grounded and isolated photovoltaic installations. It provides protection against the consequences of short circuits and overloads. Due to the high degree of IP protection, outdoor installation is possible. The design of the switchgear is intended for surface mounting.

BASIC PARAMETERS AC SIDE	
AC Surge Protector | Type	0 | -
Overcurrent circuit breaker	Noark B16A 3F

ELECTRICAL AND MECHANICAL PARAMETERS OF THE HOUSING	
Model	PHS 8 T
Number of fields	8
Dimensions of housing without chokes and MC4 (Length|Width|Height)	120.00 | 202.00 | 201.00
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	-25ºC – +60ºC

Overcurrent circuit breaker used (MCB) (1)	
Manufacturer / Model	Noark / Ex9BN 3P B16
Rated current	16A; 3-F
Rated operational voltage U_e	230/415 V AC
-	72 V DC to the pole (1P, 2P)
-	48 V DC to the pole (3P, 4P)
Minimum voltage	12 V AC/DC
Rated impulse withstand voltage U_{imp} in accordance with IEC 60898-1	6 kV
Rated impulse withstand voltage U_{imp} in accordance with IEC 60947-2	6 kV
Rated short-circuit breaking capacity I_{cn} in accordance with IEC 60898-1	6 kA
Rated short-circuit breaking capacity I_{cn} in accordance with IEC 60947-2	10 kA
Rated voltage of the insulation U_i	690 V AC
Number of poles	3
Frequency	50/60 Hz
Characteristic	B
Design in accordance with	IEC/EN 60898-1, IEC/EN 60947-2
Mechanical durability	20 000 connections
Electrical durability	10 000 connections
Energy limitation class	3
Category of use	A
Feed direction	Any (top or bottom)