MAIN FEATURES

Rated current	700 A For higher current, please contact us	**Ambient temperature**	-40 °C to +60 °C
Maximum voltage AC	1 000 V	**Flexible wiring (min-max)**	50-400 mm²
Maximum voltage DC	1 500 V	**Stranded wiring (min-max)**	70-400 mm²
Short-circuit current Icc	20 kA pendant 250 ms	**Keying positions**	5, mechanical and visual
IP protection lid closed	IP66	**Number of operations**	2 000
Shock resistance	IK08	**Pre-wired pilot circuit**	10 A/250 V

The highest possible safety

- Reliable mechanical and electrical interlocking with pilotcontact circuit.
- IP2X socket-outlet when cap removed,
- Automatic IP66 watertightness when plug is connected.

An easily operable connector

- Straight insertion of the plug into the socket-outlet without any rotation,
- Different mechanical keying of L1, L2, L3, N and E,
- Visual identification by standard colours,
- Screwed crimping lugs facilitate cable replacement.

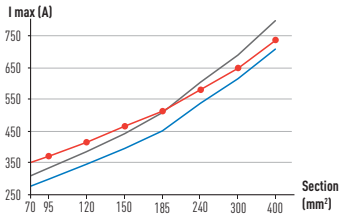
Performances

Thanks to the butt-contact principle, the SP withstands continuously up to 700 A/1000 V AC or 1500 V DC (70 mm² to 400 mm² conductors), withstands at least 2 000 operations.

SP Characterisation

Permissible current according to conductor cross-section at 30 °C ambient temperature

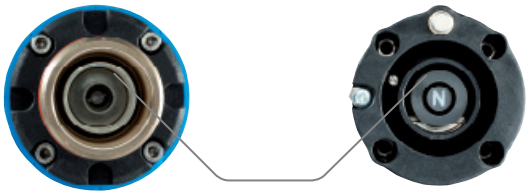
- Maximum permanent permissible current in the SP after 2 000 operations depending on cable cross-section.
- Maximum intensity of permanent current specified by the cable manufacturers to maintain a conductor core temperature < 85 °C.
- Maximum intensity of permanent current specified bythe NFC 15-100 or the IEC 60 364-5-52 standards to maintain a conductor core temperature < 70 °C.



Colour coding system according to country standard (picture shows phase 1 Continental Europe)

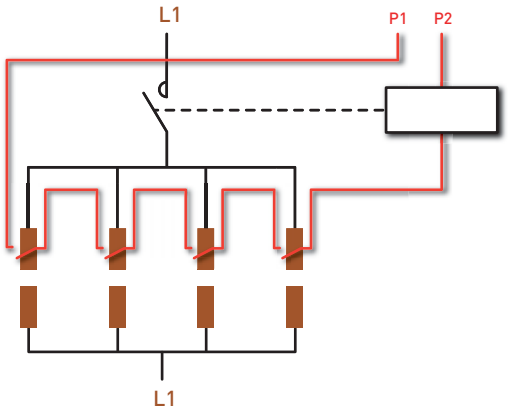
Automatically IP66 when connected (dust and water hose down)

Mechanical coding between phases



Coding ring (each phase, neutral and earth has a different diameter)

Interlocking electrical wiring diagram: increased power with parallel connection



Interlocking electrical wiring diagram: last connection close all the circuit