





Novosafe S(St) FE 180 / PH90 450/750V

Fire resistant shielded installation cable

Specification

| | |
|--|--|
| RATED VOLTAGE U₀/U | 450/750V |
| CONDUCTOR CLASS | Class 1 = solid wire |
| CONDUCTOR MATERIAL | Copper |
| CORE INSULATION | Ceramic silicone rubber |
| CORE IDENTIFICATION | 3 cores Brown+Blue+Green/Yellow 4 cores Brown+Black+Grey+Green/Yellow 5 cores Brown+Black+Grey+Blue+Green/Yellow |
| PROTECTIVE CONDUCTOR | Yellow/Green |
| OVERALL SHIELD | Aluminum/polyester foil with tinned drain wire 0,75mm ² |
| OUTER SHEATH | Halogen free special compound |
| SHEATH COLOUR | Orange |
| BENDING RADIUS FIXED | 10 x cable diameter |
| MIN OPERATING TEMPERATURE FIXED | -40°C |
| MAX OPERATING TEMPERATURE FIXED | +80°C |
| LOWEST INSTALLATION TEMPERATURE | -10°C |
| TESTING VOLTAGE | 2000VAC / 5000VDC |
| HALOGEN-FREE ACC. TO | IEC 60754-2 |
| SMOKE EMISSION | IEC 61034-2 |
| FIRE RESISTANT | EN 50200(PH90), IEC-60331-1, -2, -11, -21, -23, |
| FLAME RETARDANT | IEC 60332-3-22 |

Variants

| E-NUMBER | DIMENSION N X MM ² | OUTER DIAMETER MM | WEIGHT KG/100M | BVB |
|----------|-------------------------------|-------------------|----------------|---|
| 0477170 | 3G1,5 | 9.4 | 9.9 |  |
| 0477180 | 5G1,5 | 11.2 | 16.1 |  |
| 0477500 | 3G2,5 | 10.8 | 15 |  |
| 0477190 | 5G2,5 | 12.4 | 23.5 |  |