



Halogen free installation cable

CONSTRUCTION **SS 424 02 19-5:2014**

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Conductor: | Circular solid copper, EN 60228 class1 |
| Insulation: | Halogen free UV-resistant polyethylene |
| Core identification: | 3 core: yellow/green, blue, brown 4 core: yellow/green, blue, brown, black 5 core: yellow/green, blue, brown, black, grey |
| Sheath: | Halogen free UV-resistant polyolefin compound, colour white |

MECHANICAL DETAILS

| | | |
|------------------------|------------------------------------------------------------------------------------|--------------------------|
| Minimum bending radii: | During handling and installation | 10 x D |
| | In case of only one smooth bending to final position | 3 x D |
| Maximum pulling force: | A = total area of conductors | A x 50 N/mm ² |
| Temperature limits: | Max. conductor temperature | 70 °C |
| | Max. conductor temperature during short circuit (duration not exceeding 5 sec.) | 160 °C |
| | Min. temperature during handling and installation | -15 °C |
| | Min. temperature during transport | -40 °C |

Applications: For fixed installation indoor and outdoor, also in wet conditions, or inlaid in conduit, canals and hollow constructions, as long as relevant national rules of installations are followed. UV-resistant insulation and sheathing materials allows installations to direct sunlight.

EQQ LiteRex
300/500 V**Halogen free installation cable****FIRE PERFORMANCE (CPR)**

EN 50575 Dca-s2, d2, a2

ADDITIONAL INFORMATIONEN/IEC 60754 Halogen free, non corrosive
EN/IEC 61034 Low smoke density

| Reka code | Size [mm ²] | Conductor resistance DC 20 °C [Ω/km] | Nominal insulation thickness [mm] | Nominal sheath thickness [mm] | Overall diameter approx. [mm] | Weight approx. [kg/km] |
|-----------|----------------------------|--------------------------------------------|-----------------------------------------|-------------------------------------|-------------------------------------|---------------------------|
| 1254730 | 3G1,5 | 12,1 | 0,5 | 1,5 | 8,0 | 95 |
| 1254731 | 4G1,5 | 12,1 | 0,5 | 1,5 | 9,0 | 120 |
| 1254732 | 5G1,5 | 12,1 | 0,5 | 1,5 | 9,5 | 140 |
| 1254733 | 3G2,5 | 7,41 | 0,6 | 1,5 | 9,5 | 140 |
| 1254734 | 4G2,5 | 7,41 | 0,6 | 1,5 | 10,5 | 170 |
| 1254735 | 5G2,5 | 7,41 | 0,6 | 1,5 | 11,0 | 200 |