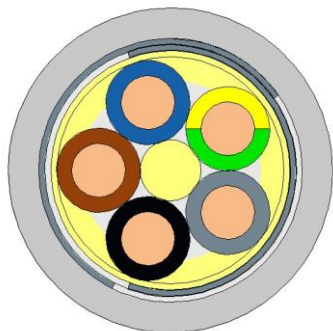
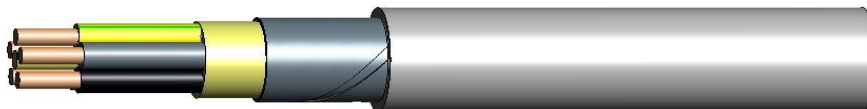
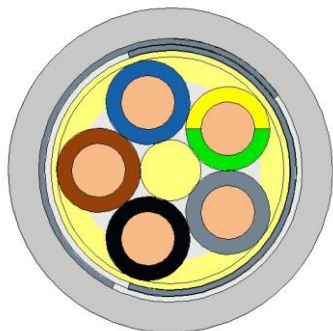


NHBH-J Ultralight
300/500 V**CONSTRUCTION****DS 2393-3****HD 604 S1:1994/A3:2005 Part 5 Section F Applicable parts**

| | |
|----------------------|---|
| Conductor: | Circular solid copper, IEC 60228 class 1 |
| Insulation: | Extruded XLPE-compound |
| Core identification: | 3 core: yellow/green, blue, brown 4 core: yellow/green, blue, brown, black 5 core: yellow/green, blue, brown, black, grey |
| Inner covering: | Extruded halogen free compound |
| Armour: | Galvanized steel tapes |
| Outer sheath: | Extruded halogen free polyolefin compound, colour grey |

MECHANICAL DETAILS

| | | |
|------------------------|---|--------|
| Minimum bending radii: | During handling and installation | 15 x D |
| | In final installation with only one bending: (D = overall diameter) | 10 x D |
| Maximum pulling force: | Pulling by pulling-head A x 25 N/mm ² A= total area of conductors | |
| Temperature limits: | Max. operating temperature | 70 °C |
| | Min. handling temperature | -20 °C |
| | Max. conductor temperature during short circuit (max. 5 sec.) | 250 °C |
| Applications: | For fixed installations indoors and outdoors, also in wet conditions, or inlaid in conduits, canals and hollow constructions. Direct burial in soil is allowed, as long as the relevant national rules of installations are followed. Cable gives good protection against rodents and other mechanical stress. UV-resistant sheathing material allows installation to direct sunlight. However insulation must be protect against UV radiation. Cables must be handled and installed by the qualified persons only. | |

NHBH-J Ultralight
 300/500 V

FIRE PERFORMANCE (CPR)

EN 50575

Eca

ADDITIONAL INFORMATION

 EN/IEC 60754
 EN/IEC 61034
 EN/IEC 60332-1

 Halogen free, non corrosive
 Low smoke density
 Flame retardant

| REKA | Size | Conductor resistance DC +20 °C | Insulation thickness | Sheath thickness | Overall diameter approx. | Weight approx. |
|---------|-----------------|--------------------------------------|-------------------------|---------------------|--------------------------------|-------------------|
| Code | mm ² | Ω/km | mm | mm | mm | kg/km |
| 1300417 | 3G1,5 | 12,1 | 0,5 | 1,0 | 8,5 | 145 |
| 1300418 | 4G1,5 | 12,1 | 0,5 | 1,0 | 9,5 | 170 |
| 1300419 | 5G1,5 | 12,1 | 0,5 | 1,0 | 10,0 | 200 |
| 1300438 | 3G2,5 | 7,41 | 0,5 | 1,0 | 9,5 | 195 |
| 1300440 | 5G2,5 | 7,41 | 0,5 | 1,0 | 11,0 | 265 |
| 1300420 | 7G1,5 | 12,1 | 0,5 | 1,0 | 11,5 | 260 |