

450/750V halogen free, flame retardant cables

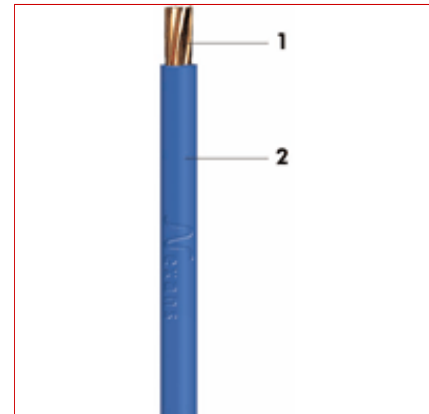
Description

Application

Used in energy networks in refineries, mines, hotels, schools, tunnels, high constructions, hospitals, power plants, data processing centers, business centers where there is a risk of fire.

Design

1. Conductor : copper
2. Insulation : EVA/PE based XLPE



Standards
National BS 7211



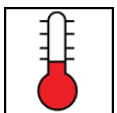
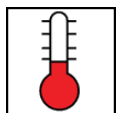


Related Information

Marking

NEXANS BS 7211 Z H07Z-R 1x25 BASEC

Contact

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| | | | | | |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| <p>Halogen free Yes</p> | <p>Flame retardant IEC 60332-1&3, BS 4066 Part 1&3</p> | <p>Operating temperature, range -20 .. 60 °C</p> | <p>Maximum operating temperature 90 °C</p> | <p>Smoke density IEC 61034, BS 7622</p> | <p>Gases toxicity Low toxicity to IEC 60754</p> |

Characteristics
Construction characteristics

| | |
|--------------------|------------------------|
| Conductor material | Copper |
| Conductor shape | Circular stranded (RM) |
| Insulation | XLPE |
| Halogen free | Yes |

Dimensional characteristics

| | |
|-----------------|---|
| Number of cores | 1 |
|-----------------|---|

Electrical characteristics

| | |
|---------------------------------|-------------|
| Rated Voltage U ₀ /U | 450 / 750 V |
|---------------------------------|-------------|

Usage characteristics

| | |
|--|---------------------------------|
| Packaging | Reel |
| Flame retardant | IEC 60332-1&3, BS 4066 Part 1&3 |
| Operating temperature, range | -20 .. 60 °C |
| Maximum operating temperature | 90 °C |
| Short-circuit maximum core temperature | 250 °C |
| Smoke density | IEC 61034, BS 7622 |
| Gases toxicity | Low toxicity to IEC 60754 |
| Gases corrosivity | Low IEC 60754-2 |

Product List

| Nexans ref. | Name | Conductor cross-section (mm ²) |
|-------------|--------------------------------|--|
| | H07Z-R 1 x 10 mm ² | 10 |
| | H07Z-R 1 x 120 mm ² | 120 |
| | H07Z-R 1 x 150 mm ² | 150 |
| | H07Z-R 1 x 16 mm ² | 16 |
| | H07Z-R 1 x 185 mm ² | 185 |
| | H07Z-R 1 x 240 mm ² | 240 |
| | H07Z-R 1 x 25 mm ² | 25 |
| | H07Z-R 1 x 300 mm ² | 300 |
| | H07Z-R 1 x 35 mm ² | 35 |
| | H07Z-R 1 x 400 mm ² | 400 |
| | H07Z-R 1 x 50 mm ² | 50 |
| | H07Z-R 1 x 70 mm ² | 70 |
| | H07Z-R 1 x 95 mm ² | 95 |

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