

TOXFREE ZH

ES05Z1-K & H07Z1-K (AS)

Safety connections.

DESIGN

Conductor

Electrolytic copper, class 5 (flexible), based on EN 60228

Insulation

LSZH poliolefin insulation, with extra sliding properties.

The standard identification is the following:

Blue	RAL 5015
Brown	RAL 8002
Black	RAL 9011
Grey	RAL 7046
Yellow/Green	RAL 1021/6028
Red	RAL 3000
White	RAL 1013

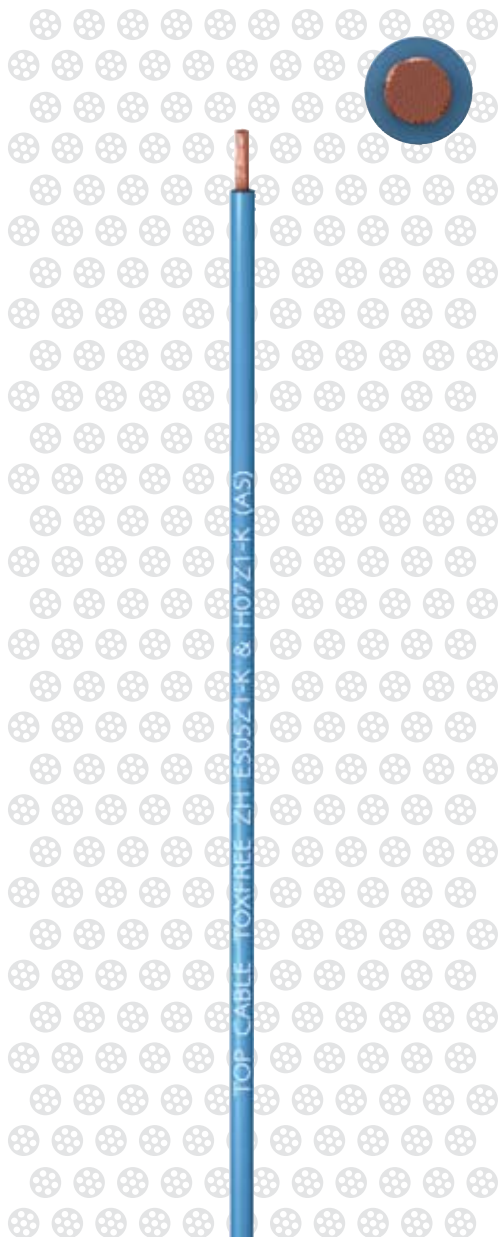
Other colours available upon request

APPLICATIONS

The Toxfree ES05Z1- K & ES07Z1-K (AS) halogen free single core cable is a safety cable. In the event of fire, it does not emit toxic gases, thereby protecting people. Nor does it give off corrosive gases, avoiding any possible damage to electronic equipment. For these reasons it is highly recommended for use in public places such as: hospitals, schools, museums, airports, bus terminals, shops in general, etc., as well as in computer rooms, offices, production plants, switchboard wiring, laboratories, etc.

Packaging

Small cross sections (from 0,75 mm² to 6 mm²) are supplied in high-resistant boxes. Medium cross sections (from 10 mm² to 35 mm²) are supplied in 100 m sealed coils. Greater cross sections (>35 mm²) are supplied in drums.



CHARACTERISTICS

- Rated voltage: ES05Z1-K (AS) (up to 1mm²): 300/500 V. H07Z1-K (AS) (from 1,5mm² on wards): 450/750 V.
- Maximum short-circuit temperature: 160°C (max. 5 s)
- Flexible conductor class 5
- Minimum bending radius 5x cable diameter
- Minimum service temperature: -40°C (Fixed and protected installation)
- Flame non-propagation
- Maximum service temperature 90°C
- Fire non-propagation

- LSZH
- Low smoke emission: Light transmittance > 60%
- Low corrosive gases emission
- Environmentally friendly

- Water resistance A2 drip
- Chemical & Oil resistance: good
- Marine

- Public places
- Domestic use
- In conduit
- Electrical panel wiring

INSTALLATION CONDITIONS