

TOXFREE ZH

Z1C4Z1-K (AS)

The halogen free screened control cable

DESIGN

Conductor

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

Insulation

LSZH Polyolephine insulation.

The standard identification is the following.

6 or more conductors: Black numbered + Yellow/green.

Separator

Polyester tape separator to avoid direct contact between the insulated conductors and the copper braid.

Screen

Tinned copper braided screening.

Outer sheath

LSZH poliolefin outer sheath. Green colour, non-toxic and fire retardant.

APPLICATIONS

The screened and halogen free control cable Toxfree ZH Z1C4Z1-K (AS) is a safety cable. In case of fire, it does not emit toxic or corrosive gases, thereby protecting public health and avoiding any possible damage to electronic equipment. For this reason, its use is highly recommended for public places and for all installations where it is necessary avoid electric interference of nearby circuits.



CHARACTERISTICS

- Flexible conductor class 5
- Minimum bending radius 5x cable diameter
- LSZH
- Low smoke emission: Light transmittance > 60%
- Low corrosive gases emission
- Environmentally friendly
- Minimum service temperature: -40°C (Fixed and protected installation)
- Meter by meter marking
- Flame non-propagation
- Fire non-propagation
- Maximum service temperature 70°C
- Maximum short-circuit temperature: 160°C (max. 5 s)

INSTALLATION CONDITIONS

- Impact resistance AG2 medium impact
- Public places
- In conduit
- Outdoor installation: permanent
- Industrial use
- Water resistance AD3 aspersión
- Open air
- Chemical & Oil resistance: permanent
- Buried