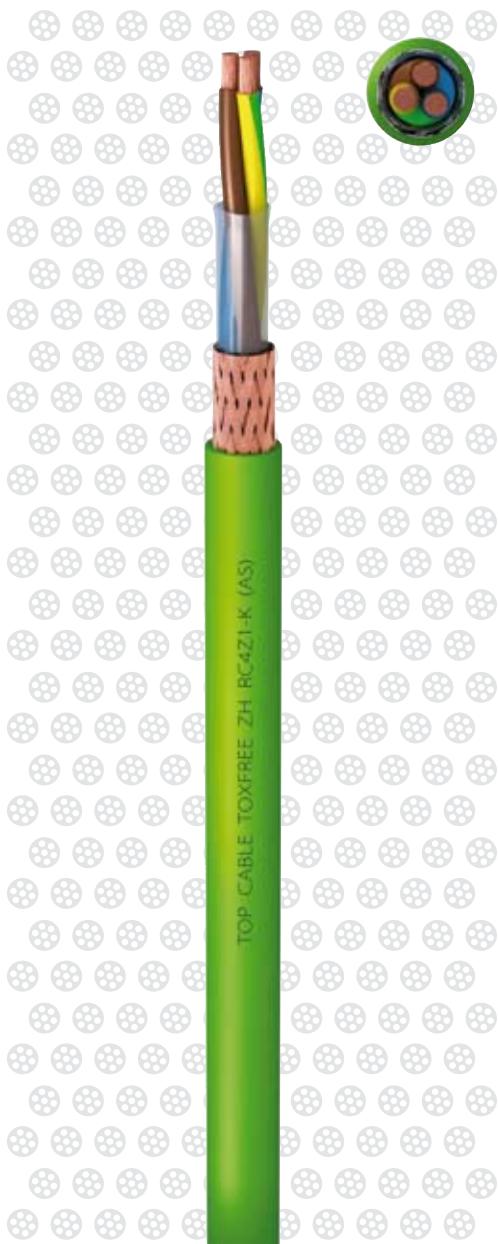


TOXFREE ZH



RC4Z1-K (AS)

The halogen free screened power cable

DESIGN

Conductor

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

Insulation

XLPE.

The standard identification is the following:

- | | |
|-----------|--------------------------------------------|
| 1 x | natural |
| 2x | Blue + Brown |
| 3 G | Blue + Brown + Yellow/green |
| 3 x | Brown+ Black+ Grey |
| 4 G | Brown + Black + Grey + Yellow/green |
| 4 x | Brown + Black + Grey + Blue |
| 5 G | Brown + Black + Grey + Yellow/green + Blue |

Separator

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

Screen

Tinned copper braided screening

Outer sheath

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

APPLICATIONS

The screened and halogen free cable Toxfree ZH RC4Z1-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 to avoid electric interference of nearby circuits.

CHARACTERISTICS



Flexible conductor class 5



Minimum bending radius 5x cable diameter



LSZH



Outdoor installation: permanent



Public places



In conduit



Minimum service temperature: -40°C (Fixed and protected installation)



Meter by meter marking



Low smoke emission: Light transmittance > 60%



Water resistance AD3 aspersión



Industrial use



Maximum service temperature 90°C



Flame non-propagation



Low corrosive gases emission



Chemical & Oil resistance: permanent



Open air



Maximum short-circuit temperature: 250°C (max. 5 s)



Fire non-propagation



Impact resistance AG2 medium impact



Electric fields resistant



Buried

INSTALLATION CONDITIONS