

# TOXFREE ZH

# XZ1 (S) AL

Aluminium non-flame propagator cable for power transmission

## DESIGN

### Conductor

Aluminium, class 2 based on EN 60228

### Insulation

XLPE natural colour.

### Outer sheath

LSZH polyolefin, black colour.

## APPLICATIONS

The aluminium cable Toxfree ZH XZ1 (S) is suitable for public low voltage power distribution. This cable is a non flame propagator and LSZH. For use indoors, outdoors and buried.



## CHARACTERISTICS

- Rigid aluminium conductor, class 2
- Minimum bending radius 15x cable diameter
- Low smoke emission: Light transmittance > 60%
- Water resistance AD3 aspersion
- Minimum service temperature: -40°C (Fixed and protected installation)
- Meter by meter marking
- Low corrosive gases emission
- Chemical & Oil resistance: acceptable
- Maximum service temperature 90°C
- Flame non-propagation
- Impact resistance AG2 medium impact
- Environmentally friendly
- Maximum short-circuit temperature: 250°C (max. 5 s)
- LSZH
- Outdoor installation: permanent

## INSTALLATION CONDITIONS

- Public places
- Industrial use
- Open air
- Buried