

Based on :

IEC 60092-353

LOW VOLTAGE 0,6/1kV

International norm :

IEC 60092-350/351/359, IEC 60332-1, IEC 60332-3-22 (cat A), IEC 60754-1/2, IEC 61034-1/2

TOXFREE MARINE XZ1-K (AS)

The marine power cable.

DESIGN

Conductor

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

Insulation

LSZH XLPE 90°C.

The standard identification is the following:

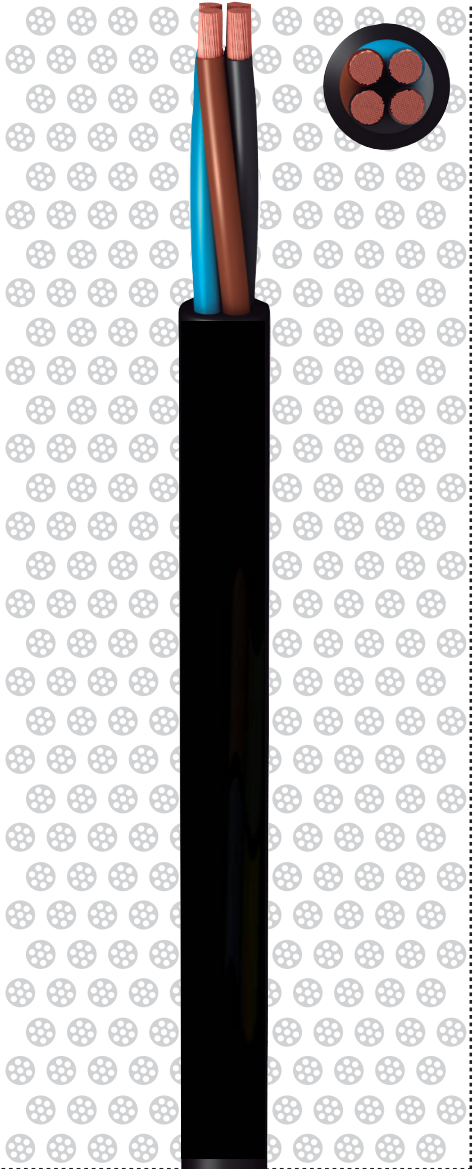
- 1 x Black
- 2 x Blue + Brown
- 3 x Brown + Black + Grey
- 4 x Blue + Brown + Black + Grey
- 5 or more conductors White with black numbers

Outer sheath

LSZH polyolephine outer sheath SHF1 type. Black colour, non-toxic and fire retardant.

APPLICATIONS

The Toxfree Marine XZ1-K (AS) cable with zero halogens is a high security 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 recommended in marine applications.



CHARACTERISTICS



Flexible conductor class 5



Minimum bending radius: 5 x cable diameter



LSZH



Mechanical stress impact: AG2. Medium severity



Public places



In conduit



Minimum service temperature for fixed installation: -40°C



Meter by meter marking



Low smoke emission: Light transmittance > 60%



Outdoor installation: permanent



Marine use



Wall attached



Maximum service temperature: 90°C



Flame non-propagation



Low corrosive gases emission



Water resistance: AD3 sprays



Open air



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



Fire non-propagation



Environmentally friendly



Chemical & oil resistance: acceptable



On tray

INSTALLATION CONDITIONS