Exploration & Production - Offshore

Low Voltage & Control Cables
Earthing wire, bonding wire and single wire

UX 0,6/1 kV

Insulating conductors for earthing and bonding services.
Fire retardant, low smoke, halogen free.

APPLICATION

Insulating conductors for earthing and bonding services.

STANDARDS & APPROVALS

NEK 606 Design guidelines
IEC 60092-352 Choice and installation of electric cables
IEC-60092-353 Design guidelines
IEC 60092-360 Insulating and sheathing materials
IEC 60332-1-2 Flame retardance
IEC-60332-3-22 Fire retardance
IEC-60754-1 Halogen free properties
IEC-61034-2 Smoke emission properties

on request

CSA 22.2 Cold bend/impact test at -40 °C /-35 °C

Det Norske Veritas-Germanischer Lloyd (DNV-GL)
American Bureau of Shippings (ABS)
Lloyds Register of Shipping (LRS)
Bureau Veritas (BV)
Russiam Maritime Register of Shipping (RMRS)
RINa (Registro Italiano Navale)

DESIGN & CONSTRUCTION

1   CONDUCTOR
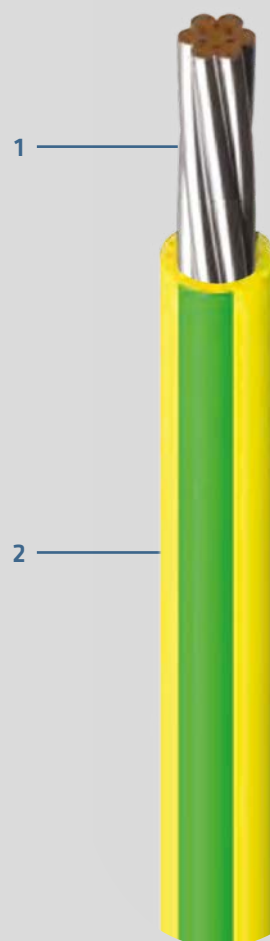Tinned annealed copper conductor according to IEC 60228 cl. 2 (or cl.5 on request)

2   INSULATION
U
Flame retardant, halogen free or halogen free and mud resistant thermoset compound, SHF2 (IEC 60092-360)
or **U P15**
(Halogen free)
or **U P15 MUD**
(Halogen free and mud resistant)
or **X**
Unsheathed, unarmoured

Prysmian Group

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PERFORMANCES/RATINGS

FIRE BEHAVIOUR	**CHEMICAL RESISTANCE**	**IMPACTS**	**SMOKE DENSITY, CORROSIVITY AND TOXICITY**	**MIN. PERMISSIBLE AMBIENT TEMPERATURE DURING LAYING**
IEC 60332-1-2 IIEC 60332-3-22	VERY GOOD EXCELLENT (MUD RES)	GOOD	LOW EMISSION	-20 °C (-40°C for Arctic Grade)

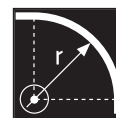|			
MAX OPERATING TEMPERATURE	**SHORT CIRCUIT TEMPERATURE**	**UV RESISTANCE**	**BENDING RADIUS**
+90 °C	+250 °C	GOOD	D < 25 mm: r = 4D D > 25 mm: r = 6D

QUALITY & TESTING

Prysmian has a built-in multi-step quality assurance program, covering the production process from cable design and raw material purchases to final inspection and testing documentation.

The ISO 9001 quality system of Prysmian Group (together with ISO 14001 and OHSAS 18001) has been assessed, approved and is currently audited by SGS.

This product information sheet is provided for reference only.
Please consult the factory or your representative to confirm all engineering information or refer to the related catalogues available in the local countries website.

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Prysmian
Group