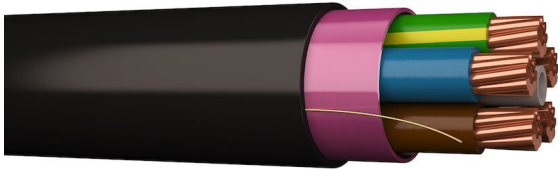


SE-N1XZI-U/-R 0,6/1 KV

Halogen-free power cable for fixed installation outdoors



DESCRIPTION

Unshielded power cable with copper conductors and a ripcord for easy stripping. Usually used as a distribution cable or service cable in industry. Halogen-free. Smoke in the event of fire is minimal, transparent and not harmful to electronic equipment. Used for fixed installation in air, ground or water, outdoors. Suitable for plowing.

Synonyms

FXQ/EXQ

STANDARDS, CERTIFICATIONS AND APPROVALS



SS 424 14 18

CENELEC HD 603 Part 5 Section O

Construction standard

Harmonized construction standard

CABLE CONSTRUCTION

Rated voltage U ₀ /U (Um)	0,6/1 (1,2) kV
Conductor material	Copper
Conductor surface	Bare
Core insulation material	XLPE
Core identification (acc. HD 308 S2)	Yes
Rip cord	Yes
Material outer sheath	Polyethylene (PE)
Cable shape	Round
Cable marking example	SE-N1XZI-U 4G16 0,6/1 kV DRAKA "Datum", metermärkt

FIRE AND CHEMICAL PROPERTIES

Flame retardant	No
Halogen free	Yes

APPLICATION

Max. conductor temperature	90
Permitted cable outer temperature after assembling without vibration (min) [°C]	-60
Permitted cable outer temperature after assembling without vibration (max) [°C]	60
UV resistant	Yes
Outdoor installation	Yes
Min. outer temperature during installation [°C]	-20
Max. outer temperature during installation [°C]	40
Underground installation	Yes

PRODUCT DATA

Item name	External article code	SAP code	Cable weight [kg/km]	Packaging
SE-N1XZ1-U 4G10 T500	0001825	20096398	555	K8
SE-N1XZ1-U 4G10 T1000	0001826	20089613	555	K11
SE-N1XZ1-R 4G16	0001840	20102238	998	
SE-N1XZ1-R 4G16 T500	0001845	20118818	998	K11
SE-N1XZ1-U 5G10 T500	0001835	20096399	679	K10
SE-N1XZ1-U 5G10 T1500	0001837	20096397	679	K14
SE-N1XZ1-R 5G16	0001850	20102239	1,197	
SE-N1XZ1-R 5G16 T500	0001855	20118819	1,197	K11

TECHNICAL DATA

Product name	Conductor category	Shape of conductor	Core colours	Outer diameter [mm]
SE-N1XZ1-U 4G10	Class 1 = solid	Round	Green/yellow, brown, black, grey	16.48
SE-N1XZ1-R 4G16	Class 2 = stranded	Round	Green/yellow, brown, black, grey	22.5
SE-N1XZ1-U 5G10	Class 1 = solid	Round	Green/yellow, blue, brown, black, grey	18
SE-N1XZ1-R 5G16	Class 2 = stranded	Round	Green/yellow, blue, brown, black, grey	24.41

Nominal values unless otherwise specified.