

# N2XSEY

DB32703056

Valid from: 15.01.2016

## Application

N2XSEY are three core power cables with PVC-sheath for installation in water, in ground, outdoors, indoors and in cable trays for power stations, industry, and distribution networks. According to VDE 0276-620 suitable for outdoor use if protected against direct sunlight and within the indicated operating temperature range. Due to its good laying properties the cable can be laid easily in difficult cable carrier systems.

## Design

acc. to DIN VDE 0276-620

Conductor	multi-wire, bare copper conductor acc. IEC 60228 resp. EN 60228 (VDE 0295), class 2
Inner layer	cross-linked, conductive inner layer
Core insulation	cross-linked polyethylene compound DIX 8 acc. to HD 620 S2
Outer layer	conductive layer extruded and welded with core insulation
Wrapping	conductive wrapping
Screen	braiding of copper wires with one or two cross conductive spiral
Outer sheath	PVC compound type DMV 6 acc. to HD 620 S2
Sheath colour	red

## Electrical properties

Nominal voltage $U_0/U$	6/10kV
Max. Operating Voltage	12kV
Test voltage	15kV

## Mechanical and thermal properties

Min. bending radius	15 x outer diameter	
Temperature range	during installation:	-5 °C up to +50°C
	fixed installation:	-40°C up to +90°C max. conductor temperature
Flammability	acc. IEC 60332-1-2	

The cable is characterized with the <VDE> -sign or VDE-identification thread.

EU-Directives These cables are conform to the EU-Directives 2014/35/EU (Low Voltage Directive), and 2011/65/EU (RoHS, Restriction of the use of certain hazardous substances).



Originator:	ERBO1 / PCM	document:	DB 32703056EN	page 1 of 1
approved:	HAPF / PDC			