

## AXPK-PLUS 4G240

1kV underground cable with aluminum conductors



### APPLICATION

Power cable with stranded compacted aluminium conductor. The cable is halogen free. For fixed installation indoors and outdoors, perfect for ploughing down. Suitable for cable ducts and house connections.

### CERTIFICATIONS AND DESIGN STANDARDS

<b>HD 603-5D</b>	Distribution cables of rated voltage 0,6/1 kV
<b>EN 60228</b>	Conductor standard
<b>IEC 60502-1</b>	1 kV & 3 kV power cables with extruded insulation.
<b>EN 50575:2014/A1:2016</b>	Cables for general applications in construction works subject to reaction to fire requirements
<b>HD 308 S2</b>	Identification of cores in cables and flexible cords
<b>EN 60332-1-2</b>	Vertical flame propagation for a single insulated wire or cable

Conductor material	Aluminium
Conductor surface	Bare
Core insulation material	XLPE
Core identification (acc. HD 308 S2)	Yes
Material outer sheath	Halogenfree polymer
Max. conductor temperature [°C]	90
UV resistant	Yes
Permitted cable outer temperature during assembling/handling (min) [°C]	-20
Bending radius (rule)	12xD
Reaction-to-fire class (acc. EN 13501-6)	Eca
Flame retardant	In accordance with EN/IEC 60332-1-2

## PRODUCT PROPERTIES

Conductor category	Class 2 = stranded
Shape of conductor	Sector-shaped
Nominal cross section conductor [mm <sup>2</sup> ]	240
Number of cores	4
With protective conductor	Yes
Colour outer sheath	Black
Nominal outer diameter [mm]	53
Current carrying capacity [A]	
Conductor resistance at 20° C [Ohm/km]	0.125
Current carrying capacity in air [A]	430
Cable weight [kg/km]	3,465
Min. bending radius during installation [mm]	630
DOP number	1001430

Current load, Installation method A2 (e.g. in conduit inside wall), air 25°C

Item name	EAN-code (GTIN)	Packaging type	Standard packaging quantity
AXPK-PLUS 4G240 1kV	4741532120229	Drum	500