

Product name	AxclightH 24kV 3×50 A 25 mm2 FE
Product code	1007998
Product type	AXCLH50
GTIN	7070701382470
ETIM-Class	EC003251



Measurements

Length	1 000 mm
Height	69 mm
Width	51 mm
Weight	2 350 g

Technical Specifications - Power cable >= 1 kV, for permanent installation

Conductor material	Aluminium
Conductor surface	Bare
Nominal cross section conductor	50 mm²
Conductor category	Class 2 = stranded
Conductor resistance at 20 °C	0,641 Ω/km
Shape of conductor	Round
Number of cores	3
Material core insulation	Polyolefin
Specification core insulation	Crosslinked polyethylene (XLPE)
Core identification	None
Laminated sheath	No
Fibre optic elements	No
Inner semi-conducting layer	Yes
Outer semi-conducting layer	Yes
Screen	Yes
Drain wire	No

Lead sheath	No
Concentric conductor	Copper
Nominal cross section concentric conductor	16 mm ²
Material outer sheath	Polyolefin
Specification material outer sheath	Polyethylene (PE)
Colour outer sheath	Black
Conductive coating	No
Longitudinal water blocking conductors	Yes
Longitudinal water blocking screen	No
Reaction-to-fire according to EN 13501-6: Class	None
Reaction-to-fire according to EN 13501-6: Smoke production	None
Reaction-to-fire according to EN 13501-6: Flaming droplets/particles	None
Reaction-to-fire according to EN 13501-6: Acidity	None
Outer diameter approx.	66 mm
Min. permitted bending radius, stationary application/permanent installation	408 mm
Max. permitted conductor temperature	90 °C
Permitted cable outer temperature after assembling without vibration	-40 – 70 °C
Nominal voltage U	20 kV
Suitable as installation cable	No
Certified for shipboard application	No
Suitable as medium-voltage cable	Yes
Suitable as high-voltage cable	No
Certified as airport lighting cable	No
Circuit integrity according to BS 6387 CWZ	No
Circuit integrity according to BS 8434-2	No
Circuit integrity according to BS 8491	No