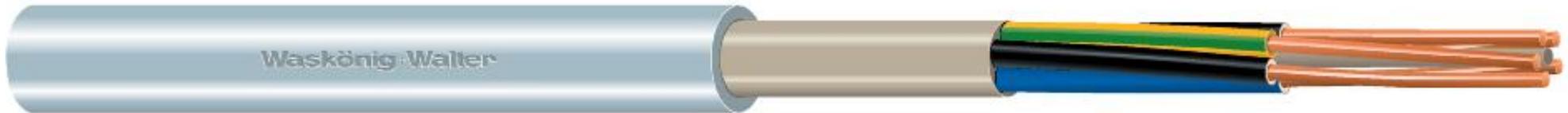


Power cable

Installation cable, XLPE insulated, copper conductor, lead free

PXILD

450/750 V



based upon K42-C 07-1;2;3. Electricity supply in buildings and other buildings, with the target to limit the creation and spread of fire and smoke

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor category	Class 1 = solid	
Core insulation material	Polyolefin	
Core identification according to HD 308 S2	Yes	
Core colour		
Protective conductor	Yes	
Max. conductor temperature	90	°C
Screen	No	
Armouring/reinforcement	None	
Material outer sheath	Polyvinyl chloride (PVC)	
Colour outer sheath	Grey	
Reaction-to-fire according to EN 13501-6: Class	Eca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	No	
Low smoke (acc. EN 61034-2)	No	

Characteristics	Properties	Unit
Permitted cable outer temperature during assembling/handling	5 <=> 70	°C
Permitted cable outer temperature after assembling without vibration	15 <=> 70	°C
Nominal voltage U0	450	V
Nominal voltage U	750	V
Shape of conductor	Round	
Suitable as installation cable	Yes	
Certified for shipboard application	No	
Suitable as medium-voltage cable	No	
Suitable as high-voltage cable	No	
Certified as airport lighting cable	No	
Minimum bending radius	12	x Außen-Ø
max. short circuit temperature	250	°C

Product							Packaging						
Number of cores	Nominal cross section conductor (in mm²)	Conductor Diameter (in mm)	Conductor resistance at 20 °C (in EU571143)	Kerndurchmesser (in mm)	Outer diameter approx. (in mm)	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser (in mm)	Bruttogewicht pro Paletteinheit (in kg)	Höhe (in mm)	Paletteinheit (in m)	Net weight (in kg)
3	1.5	1.5	12.1	150	9	102.34	Ring	35	290	574.41	58	5,390	4
3	1.5	1.5	12.1	200	9	102.34	Ring	50	360	544.73	51	5,100	5
5	1.5	1.5	12.1	200	10	142.5	Ring	50	390	664.05	55	4,500	7
5	2.5	2.5	7.41	200	11	196	Ring	50	390	552	67	2,700	10