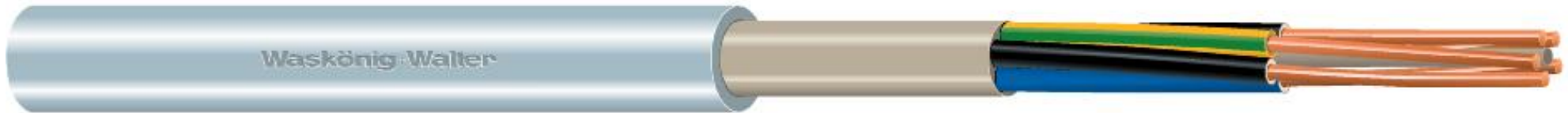


Power cable

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 mm ²)	Conductor Diameter (in mm)	Conductor resistance at 20 °C (in Ohm/km)	Core diameter (in mm)	Diamètre extérieur (in mm)	Kerndurchmesser (in mm)	Outer diameter (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	diametro exterior (in mm)	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	290	150	290	9	102.34	290	Ring	35	290	574.41	58	5,390	4
3	1.5	1.5	12.1	200	360	200	360	9	102.34	360	Ring	50	360	544.73	51	5,100	5
5	1.5	1.5	12.1	200	390	200	390	10	142.5	390	Ring	50	390	664.05	55	4,500	7
5	2.5	2.5	7.41	200	390	200	390	11	196	390	Ring	50	390	552	67	2,700	10