

**Power cable**

In-wall installation cable, PVC insulated

**NYIF-J**

230/400 V



According to VDE 0250 part 201.

Characteristics	Properties	Unit
Conductor material	Copper	
Nominal cross section conductor	1.5	mm <sup>2</sup>
Conductor Diameter	1.5	mm
Conductor category	Class 1 = solid	
Conductor resistance at 20 °C	12.1	EU571143
Core insulation material	Polyvinyl chloride (PVC)	
Core identification according to HD 308 S2	Yes	
Core colour		
Protective conductor	Yes	
Max. conductor temperature	70	°C
Screen	No	

Characteristics	Properties	Unit
Armouring/reinforcement	None	
Material outer sheath	Rubber	
Colour outer sheath	Other	
Reaction-to-fire according to EN 13501-6: Class	Fca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	No	
Low smoke (acc. EN 61034-2)	No	
Permitted cable outer temperature during assembling/handling	5 <=> 70	°C
Permitted cable outer temperature after assembling without vibration	-40 <=> 70	°C
Nominal voltage U0	230	V
Nominal voltage U	400	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	4	x Außen-Ø
max. short circuit temperature	160	°C
Kerndurchmesser	200	mm
Identification/coding colour core		

Product			Packaging						
Number of cores	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	8	114.01	Ring	50	360	535.85	58	4,500	6
5	11	187.17	Ring	50	390	584.31	94	3,000	9