

Power cable < 1 kV, for flexible applications Sturflex CPR LIYCY-JZ Dca S2



Application : For flexible use in industrial environments, machine manufacturing, process control systems.

TECHNICAL DATA : TYPE LIYCY-JZ Dca S2

Standards : CPR

Conductor material : Copper, bare
 Conductor category : Class 5 = flexible
 Core insulation material : Polyvinyl chloride (PVC)
 Protective conductor : Yes
 Core identification : Numbers
 Suspension element : None
 Inner sheath : No
 Screen over stranding element : None
 Screen : Yes
 Screen over stranding : Braiding
 Model : Round
 Colour outer sheath : Grey
 Material outer sheath : Polyvinyl chloride (PVC)
 Halogen free (acc. EN 60754-1/2) : No
 Permitted cable outer temperature during assembling/handling : -5°C to 70°C
 Permitted cable outer temperature after assembling without vibration : -40°C to 80°C
 Max. conductor temperature : 70°C
 Smoke development class according to EN 13501-6 : s2
 Nominal voltage U₀ : 300V
 Euro class acidity according to EN 13501-6 : a3
 Core protecton : No
 Nominal voltage U : 500V
 Reaction-to-fire class according to EN 13501-6 : Dca
 Euro class flaming droplets/particles according to EN 13501-6 : d1
 Conductor surface : Bare
 : No
 : Round
 Shape of conductor : Round

ProductNr	Nominal cross sectional area of conductor (mm ²)	Number of cores	Outer diameter approx. (mm)
1179304	0.5	4	5.8
1179305	0.5	5	6.4
1179403	0.75	3	6.2
1179404	0.75	4	6.6
1179405	0.75	5	7.2
1179407	0.75	7	7.9
1179412	0.75	12	10.2
1179418	0.75	18	12.2
1179425	0.75	25	14.4
1179434	0.75	34	16
1179503	1	3	6.6
1179504	1	4	7.1
1179505	1	5	7.9
1179507	1	7	8.7
1179510	1	10	10.7
1179512	1	12	11
1179603	1.5	3	7.5
1179604	1.5	4	8.3
1179605	1.5	5	9
1179607	1.5	7	9.9
1179612	1.5	12	12.9
1179625	1.5	25	17.9
1179703	2.5	3	8.7
1179704	2.5	4	9.5
1179705	2.5	5	10.3
1179707	2.5	7	11.4
1179712	2.5	12	15.1