

Power cable < 1 kV, for flexible applications Stuurflex CPR LIYY-JZ Dca S2



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

TECHNICAL DATA : TYPE LIYY-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 : No
 Screen over stranding : None
 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)
1177303	0.5	3	5
1177304	0.5	4	5.5
1177305	0.5	5	6.1
1177307	0.5	7	6.6
1177308	0.5	8	7.5
1177403	0.75	3	5.4
1177404	0.75	4	5.9
1177405	0.75	5	6.6
1177407	0.75	7	7.2
1177412	0.75	12	9.4
1177418	0.75	18	11.5
1177425	0.75	25	13.7
1177503	1	3	5.9
1177504	1	4	6.4
1177505	1	5	7.2
1177507	1	7	8
1177510	1	10	10.2
1177512	1	12	10.5
1177603	1.5	3	7
1177604	1.5	4	7.6
1177605	1.5	5	8.5
1177607	1.5	7	9.2
1177610	1.5	10	11.8
1177612	1.5	12	12.2
1177618	1.5	18	13.5
1177625	1.5	25	16.2
1177703	2.5	3	8.7
1177704	2.5	4	9.5
1177705	2.5	5	10.3
1177707	2.5	7	11.4
1177710	2.5	10	13
1177712	2.5	12	15.1
1177804	4	4	10.3
1177805	4	5	11.3
1177904	6	4	11.9
1177905	6	5	13.1