

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



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

TECHNICAL DATA : TYPE LIYY-JZ Dca

Standards : CPR

Conductor material : Copper, bare

Conductor category : Class 5 = flexible

Stranding element : No

Core insulation material : Polyvinyl chloride (PVC)

Protective conductor : Yes

Core identification : Numbers

Inner sheath : No

Screen over stranding element : None

Screen : No

Model : Round

Screen over stranding : None

Material outer sheath : Polyvinyl chloride (PVC)

Colour outer sheath : Grey

Halogen free (acc. EN 60754-1/2) : No

Permitted cable outer temperature after assembling without vibration : -40°C to 80°C

Max. conductor temperature : 70°C

Nominal voltage U₀ : 300V

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	Dimension	Outer diameter approx. (mm)	Smoke development class according to EN 13501-6	Permitted cable outer temperature during assembling/handling (°C)	Euro class acidity according to EN 13501-6
0177303	3 x 0.5	5.1	S3	-5°C to 70	A3
0177304	4 x 0.5	5.5	s3	-5°C to 70	a3
0177305	5 x 0.5	6	s3	-5°C to 70	a3
0177307	7 x 0.5	6.5	s3	-5°C to 70	a3
0177308	8 x 0.5	7.5	s3	-5°C to 70	a3
0177403	3 x 0.75	5.5	s3	-5°C to 70	a3
0177404	4 x 0.75	6	s3	-5°C to 70	a3
0177405	5 x 0.75	6.5	s3	-5°C to 70	a3
0177407	7 x 0.75	7.3	s3	-5°C to 70	a3
0177412	12 x 0.75	9.7	s3	-5°C to 70	a3
0177418	18 x 0.75	11.5	s3	-5°C to 70	a3
0177425	25 x 0.75	13.7	s3	-5°C to 70	a3
0177503	3 x 1	5.5	s3	-5°C to 70	a3
0177504	4 x 1	6.5	s3	-5°C to 70	a3
0177505	5 x 1	7.3	s3	-5°C to 70	a3
0177507	7 x 1	7.9	s3	-5°C to 70	a3
0177510	10 x 1	10.2	s3	-5°C to 70	a3
0177512	12 x 1	10.5	s3	-5°C to 70	a3
0177603	3 x 1.5	6.4	s3	-5°C to 70	a3
0177604	4 x 1.5	7.2	s3	-5°C to 70	a3
0177605	5 x 1.5	7.8	s3	-5°C to 70	a3
0177607	7 x 1.5	8.5	s3	-5°C to 70	a3
0177610	10 x 1.5	11	s3	-5°C to 70	a3
0177612	12 x 1.5	11.6	s3	-5°C to 70	a3
0177618	18 x 1.5	13.5	s3	-5°C to 70	a3
0177625	25 x 1.5	16.2	s3	-5°C to 70	a3
0177703	3 x 2.5	7.5	s3	-5°C to 70	a3
0177704	4 x 2.5	8.3	s3	-5°C to 70	a3
0177705	5 x 2.5	9	s3	-5°C to 70	a3
0177707	7 x 2.5	10.1	s3	-5°C to 70	a3
0177710	10 x 2.5	13	s3	-8°C to 70	a3
0177712	12 x 2.5	13.4	s3	-5°C to 70	a3
0177804	4 x 4	10.3	s3	-5°C to 70	a3
0177805	5 x 4	11.3	s3	-5°C to 70	a3
0177904	4 x 6	11.9	s3	-5°C to 70	a3
0177905	5 x 6	13.1	s3	-5°C to 70	a3