

Cellpack Straight Cable Joints

Voltage rating

1.2 kV

Application

Universally suitable to connect low voltage plastic-insulated cables or connectors insulated with PVC, PE, VPE, and EPR.

Suitable for both copper and aluminium conductors.

Application Ranges

Indoor, outdoor, underground, water (e.g submersible pumps), cable trays.

Features

- High electrical insulation values
- Watertight both longitudinally and transversely up to 1 metre
- High mechanical strength
- Good resistance against UV radiation, alkaline earths and chemical agents
- Standard resin storable up to 40 months in the aluminium bag
- Halogen-free polyurethane cast resin, containing the correct volume ready for mixing within a handy two-chamber mixing bag. No need for skin contact
- Low hardening temperature, fast hardening with no toxic emission during the mixing and casting
- High quality, transparent, shockproof polycarbonate moulds, compact size
- Visible splice position before casting
- Large insertion opening for easy casting
- Extremely simple and fast fitting – saves time and costs
- Earthing kit included
- Operational after 2 hours

Tests and Approvals

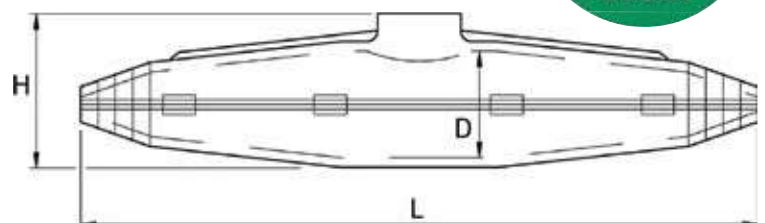
- DIN VDE 0278 Part 1 and 2
- DIN VDE 0278 PART 393
- EN 50393 as well as
- CENELEC HD623 (VDE 0278, PART 623)



CELLPACK
Electrical Products

100%
PUR^e
RESIN

Mould Dimensions



Part No.	Dimensions in mm		
	L	D	H
SJK1516	260	47	63
SJK1	190	36	50
SJK2	260	47	63
SJK3	360	55	75
SJK4	400	70	95
SJK5	530	100	120
SJK6	700	125	160
SJK7	900	150	170

Cable jointing

Cellpack – Cast-resin Technology

Cellpack Straight Cable Joints

Selection chart for armoured cables

Straight through joint selection chart

Cellpack – Clear Straight-Through Joint Type SJK.

Conductors

Copper to copper – compression splices or mechanical connectors.

Copper to aluminium/aluminium to aluminium: mechanical connectors only.



Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression	Mechanical
SJK1516	1.5	2	7 - 30	Included	-
SJK1516	1.5	3	7 - 30	Included	-
SJK1516	1.5	4	7 - 30	Included	-
SJK1516	2.5	2	7 - 30	Included	-
SJK1516	2.5	3	7 - 30	Included	-
SJK1516	2.5	4	7 - 30	Included	-
SJK1516	4	2	7 - 30	Included	-
SJK1516	4	3	7 - 30	Included	-
SJK1516	4	4	7 - 30	Included	-
SJK1516	6	2	7 - 30	Included	-
SJK1516	6	3	7 - 30	Included	-
SJK1516	6	4	7 - 30	Included	-
SJK1516	10	2	7 - 30	Included	-
SJK1516	10	3	7 - 30	Included	-
SJK1516	10	4	7 - 30	Included	-
SJK1516	16	2	7 - 30	Included	-
SJK1516	16	3	7 - 30	Included	-
SJK1516	16	4	7 - 30	Included	-

SJK1516: 1.5, 2.5, 6.0, 10.0, 16.0mm² butt splices (compression)

All joints are supplied with:

- Clear mould
- Resin pack
- Earth continuity
- Gloves
- Sealing tape

Cable connectors included.

Fully submersible up to 1 metre.

Operational after 2 hours, please allow 24 hours to be fully cured.

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Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression	Mechanical
SJK1	1.5	2	7 - 30	-	Included
SJK1	1.5	3	7 - 30	-	Included
SJK1	1.5	4	7 - 30	-	Included
SJK1	2.5	2	7 - 30	-	Included
SJK1	2.5	3	7 - 30	-	Included
SJK1	2.5	4	7 - 30	-	Included
SJK1	4	2	7 - 30	-	Included
SJK1	4	3	7 - 30	-	Included
SJK1	4	4	7 - 30	Included	-
SJK1	6	2	7 - 30	Included	-
SJK1	6	3	7 - 30	Included	-
SJK1	6	4	7 - 30	Included	-
SJK2	10	2	14 - 30	Included	-
SJK2	10	3	14 - 30	Included	-
SJK2	10	4	14 - 30	Included	-

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- Clear mould
- Resin pack
- Earth continuity
- Gloves
- Sealing tape

Cable connectors included.

Fully submersible up to 1 metre.

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SJK1: 15 amp strip connectors (mechanical)

SJK2: 6, 10, 16mm² butt splices (compression)

To see a video demonstrating Cellpack scan the QR code



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Copper to aluminium/aluminium to aluminium: mechanical connectors only.



Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression or Mechanical	
SJK2	16	2	14 - 30	Included	-
SJK2	16	3	14 - 30	Included	-
SJK2	16	4	14 - 30	Included	-
SJK2	25	2	14 - 30	Included	-
SJK3	25	3	20 - 37	Included	-
SJK4	25	4	25 - 42	-	P1 Included
SJK3	35	2	20 - 37	Included	-
SJK4	35	3	25 - 42	-	P1 Included
SJK4	35	4	25 - 42	-	P1 Included
SJK3	50	2	20 - 37	Included	-
SJK4	50	3	25 - 42	50BS*	-
SJK4	50	4	25 - 42	50BS*	-

All joints are supplied with:

- Clear mould
- Resin pack
- Earth continuity
- Gloves
- Sealing tape

Cable connectors included up to 35mm².

Fully submersible up to 1 metre.

Operational after 2 hours, please allow 24 hours to be fully cured.

Copper to Aluminium / Aluminium to Aluminium

Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression or Mechanical	
SJK5S	50	2	25 - 42	n/a	UM1*
SJK5	50	3	33 - 55	n/a	UM1*
SJK5	50	4	33 - 55	n/a	UM1*

*Where not included – connectors sold separately

SJK2: 6, 10, 16mm² butt splices (compression)

SJK3: 16, 25, 35mm² butt splices (compression)

SJK4: P1 connectors (mechanical)

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Conductors

Copper to copper – compression splices or mechanical connectors.

Copper to aluminium/aluminium to aluminium: mechanical connectors only.



Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression	Mechanical
SJK4	70	2	25 - 42	70BS*	-
SJK5S	70	2	33 - 55	-	UM1*
SJK5	70	3	33 - 55	70BS*	UM1*
SJK5	70	4	33 - 55	70BS*	UM1*
SJK4	95	2	25 - 42	95BS*	UM1*
SJK5	95	3	33 - 55	95BS*	UM1*
SJK5	95	4	33 - 55	95BS*	-
SJK6S	95	4	45 - 74	-	UM1*

All joints are supplied with:

- Clear mould
- Resin pack
- Earth continuity
- Gloves
- Sealing tape

Fully submersible up to 1 metre.
Operational after 2 hours, please allow 24 hours to be fully cured.

Copper to Aluminium / Aluminium to Aluminium

Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression	Mechanical
SJK6S	95	4	45-74	n/a	UM1*

***Where not included – connectors sold separately**

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Part No.	Cable Size (mm ²)	No. of cores	Min - Max cable dia. (mm)	Connectors Required (one connector required per core)	
				Compression	Mechanical
SJK5	120	2	33-55	120BS*	UM2*
SJK5	120	3	33-55	120BS*	UM2*
SJK6	120	4	45-74	120BS*	UM2*
SJK5	150	2	33-55	150BS*	UM2*
SJK6	150	3	45-74	150BS*	UM2*
SJK6	150	4	45-74	150BS*	UM2*
SJK5	185	2	33-55	185BS*	-
SJK6S	185	2	45-74	-	UM3*
SJK6	185	3	45-74	185BS*	UM3*
SJK6	185	4	45-74	185BS*	-
SJK7S	185	4	50-95	-	UM3*
SJK6	240	2	45-74	240BS*	UM3*
SJK6	240	3	45-74	240BS*	UM3*
SJK7	240	4	50-95	240BS*	UM3*
SJK6	300	2	45-74	300BS*	UM3*
SJK7	300	3	50-95	300BS*	UM3*
SJK7	300	4	50-95	300BS*	UM3*
SJK7	400	2	50-95	400BS*	MF1/4*
SJK7	400	3	50-95	400BS*	MF1/4*
SJK7	400	4	50-95	400BS*	MF1/4*

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