

ARJP...CL / CRJ



## KEY FEATURES

- Clear epoxy resin
- 600 / 1000 V, 1.5 mm<sup>2</sup> – 300 mm<sup>2</sup>, 2 – 4 core cables
- Two-year shelf life
- Quick-setting in humid and cold conditions, with excellent insulation and water-blocking
- Low-viscosity resin in transparent shatterproof polypropylene / polycarbonate shells with easy-mix twin-pack
- Exothermic temperature of 54°C
- Type tested and in compliance with BS EN50393 and NRS074
- In compliance with Eskom and Municipality specifications

ARJP...CL / CRJ...ES low-voltage resin straight-through joint and splicing kits are designed for connecting PVC and XLPE cables. The two-component, flame-retardant clear epoxy resin remains flexible, offering superior insulation and water-blocking properties.

Complies with BS EN50393:2015 Test sequence for joints for solid extruded dielectric insulated cables and for transition joints between solid extruded dielectric insulated cables and impregnated paper insulated cables.



## DIMENSIONS

Product	Min. Cable OD	Max. Cable OD	Mould Length	Cable Size
	(mm)	(mm)	(mm)	(mm <sup>2</sup> )
CRJ0	6	20	185	1.5 - 2.5
CRJ2	17	34	270	4 - 10
CRJ3	28	52	400	16 - 25
CRJ3.5	32	56	435	35 - 50
CRJ4	38	65	580	70 - 95
CRJ5	48	80	660	120 - 150
CRJ6	48	80	660	185 - 240

Product	Min. Cable OD	Max. Cable OD	Mould Length	Cable Size
	(mm)	(mm)	(mm)	(mm <sup>2</sup> )
ARJEP0CL	6	20	185	1.5 - 4
ARJP1CL	9	30	240	4 - 10
ARJP2CL	17	34	270	10 - 16
ARJP2.5CL	22	42	310	16 - 35
ARJP3CL	28	52	400	35 - 50
ARJP3.5CL	32	56	435	50 - 95
ARJP4CL	38	65	580	70 - 150
ARJP5CL	48	80	660	150 - 240

## TECHNICAL DATA



TEST	SUB-CLAUSE	Samples Types of Joints	REQUIREMENTS
		II A1/B1	
AC voltage withstand (in air)	8.3	X	No failure
Insulated resistance (in air)	8.4	X	Insulated resistance ≥50MΩ
Impact at ambient temperature	8.5	X	No failure
Insulated resistance (immersed)	8.4	X	Insulated resistance ≥50MΩ
Heating cycle in air	8.6	X	63 Cycles
Heating cycle in water <sup>b</sup>	8.6	X	9 Cycles
Insulated resistance <sup>b</sup> (immersed)	8.4	X	Insulated resistance ≥50MΩ
Heating cycle in water	8.6	X	63 Cycles
AC voltage withstand (immersed)	8.3	X	No failure
Insulated resistance (immersed)	8.4	X	Insulated resistance ≥50MΩ
Examination	8.8	X	To be recorded
Thermal short circuit (Earth fault) test		X	10kA for 1 second - No failure

## OPTIONAL EXTRA

