

CJ 3A20 Series

Heat shrink medium voltage joints



TEST DATA	TEST SEQUENCE NUMBER OF SAMPLES			VOLTAGE CLASS				
	3	3	3	5 - 8 kV	15 kV	25 kV	28 kV	35 kV
Joint Tests*	3	3	3	5 - 8 kV	15 kV	25 kV	28 kV	35 kV
Partial discharge (corona) extinction voltage <3 pC	↓			7.0	13.0	22.0	24.5	30.0
Power frequency voltage 1 min dry withstand	↓			23.0	35.0	52.0	58.0	69.0
Direct voltage 15 min dry withstand	↓			45.0	70.0	100.0	112.0	125.0
Impulse withstand at 25°C (1.2 x 50 μs wave)	↓			95.0	110.0	150.0	168.0	200.0
Impulse withstand at 130°C (1.2 x 50 μs wave)	↓			95.0	110.0	150.0	168.0	200.0
Partial discharge (corona) extinction voltage <3 pC	▪	↓	↓	7.0	13.0	22.0	24.5	30.0
Cyclic aging: 30 cycles, 130°C for 6 hr/d while at		↓	↓	14.0	26.0	44.0	48.0	61.0
Partial discharge (corona) extinction voltage <3 pC		↓	↓	7.0	13.0	22.0	24.5	30.0
High voltage time test: 5 hr while submerged		↓	↓	16.0	31.0	50.0	58.0	71.0
High voltage time test: 5 min while submerged		▪	▪	21.0	39.0	65.0	87.0	91.0

*Note: Joint tests to IEEE 404-2000 IEEE standards for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2500 V to 500 000 Volt

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