



3 Conductor CIC CONTROL 1000V CSA FT4-ST1 TC-ER

3C	Part No.	Power Conductor	Bonding Conductor	Insulation Thickness		Jacket Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius		Ampacity
		AWG/kcmil	AWG	in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm	A
	1XNAUS8-3CG-NHT	8	10	0.045	1.1	0.06	1.5	0.630	16.0	325	484	454	206	5.7	144	55
	1XNAUS6-3CG-NHT	6	8	0.060	1.5	0.06	1.5	0.773	19.6	463	688	629	285	7.0	177	75
	1XNAUS4-3CG-NHT	4	8	0.060	1.5	0.08	2.0	0.933	23.7	678	1009	1001	454	8.4	213	95
	1XNAUS3-3CG-NHT	3	6	0.060	1.5	0.08	2.0	1.000	25.4	827	1230	1263	573	9.0	229	115
	1XNAUS2-3CG-NHT	2	6	0.060	1.5	0.08	2.0	1.067	27.1	976	1452	1594	723	9.6	244	130
	1XNAUS1-3CG-NHT	1	6	0.080	2.0	0.08	2.0	1.207	30.7	1270	1890	2010	912	10.9	276	145
	1XNAUS1/0-3CG-NHT	1/0	6	0.080	2.0	0.08	2.0	1.283	32.6	1520	2262	2531	1148	11.5	293	170
	1XNAUS2/0-3CG-NHT	2/0	6	0.080	2.0	0.08	2.0	1.366	34.7	1793	2669	3195	1449	12.3	312	195
	1XNAUS3/0-3CG-NHT	3/0	4	0.080	2.0	0.08	2.0	1.457	37.0	2155	3208	4029	1828	13.1	333	225
	1XNAUS4/0-3CG-NHT	4/0	4	0.080	2.0	0.08	2.0	1.599	40.6	2618	3896	5075	2302	14.4	365	260

Ampacity values based on CE Code Part I 2024, Table 2. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 239, Control and instrumentation cables (Type CIC)
- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 230, Tray Cables Exposed Run (TC-ER)
- CSA C22.2 No. 2556 FT4, UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- NFPA 130 Smoke and Flame requirements
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas (AG14), Halogen-Free

Conductor Stranded Soft Copper, ASTM B8

Insulation Cross-linked Polyethylene (XLPE)
CSA Type XL 105°C dry, 90°C wet 1000V,
Halogen-Free

Bonding Stranded Soft Copper, ASTM B8, XLPE Insulated (Green)

Jacket Thermoplastic Flame Retardant LSZH Compound

Colour Code Black, Red & Blue or Black with White Numbers

Applications

- For use in raceways, ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums, direct burial, exposed and concealed wiring.
- For use in Hazardous locations: Zone 0 (intrinsically safe cables only), Zone 2, Zone 22 (per Section 18).
- Cables marked TC-ER tray cable are permitted for exposed runs as per CE Code Part I 12-2202 3) and 4).