



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

4C	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
	1XNAUS8-4CG-NHT	8	10	0.045	1.1	0.06	1.5	0.688	17.5	403	600	606	275	6.2	157	44
	1XNAUS4-4CG-NHT	6	8	0.06	1.5	0.08	2.0	0.888	22.6	608	905	839	381	8.0	203	60
	1XNAUS6-4CG-NHT	4	8	0.06	1.5	0.08	2.0	1.023	26.0	849	1264	1335	606	9.2	234	76
	1XNAUS3-4CG-NHT	3	6	0.06	1.5	0.08	2.0	1.097	27.9	1035	1540	1684	764	9.9	251	92
	1XNAUS2-4CG-NHT	2	6	0.06	1.5	0.08	2.0	1.175	29.9	1234	1837	2125	964	10.6	269	104
	1XNAUS1-4CG-NHT	1	6	0.08	2.0	0.08	2.0	1.328	33.7	1600	2381	2681	1216	11.9	304	116
	1XNAUS1/0-4CG-NHT	1/0	6	0.08	2.0	0.08	2.0	1.412	35.9	1931	2874	3375	1531	12.7	323	136
	1XNAUS2/0-4CG-NHT	2/0	6	0.08	2.0	0.08	2.0	1.506	38.3	2292	3411	4259	1932	13.6	344	156
	1XNAUS3/0-4CG-NHT	3/0	4	0.08	2.0	0.08	2.0	1.607	40.8	2772	4125	5372	2437	14.5	367	180
	1XNAUS4/0-4CG-NHT	4/0	4	0.08	2.0	0.11	2.8	1.826	46.4	3491	5196	6767	3070	16.4	418	208

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 Low Smoke Zero Halogen

Colour Code Black, Red, Blue & White 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 and direct burial.
- 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).