



## 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 (Type TC-ER)
- CSA C22.2 No. 2556 FT4-ST1/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)

### Conductor

Stranded Soft Copper, ASTM B8

### Insulation

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

### Bonding

Green Insulated Stranded Bare Soft Copper, ASTM B8

### Jacket

Thermoplastic Low Smoke Zero Halogen

### Colour Code

Black, White, Red & Blue or  
Black with White Numbering

### 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).