

HFI 140/HFI 150 // D-TB

HFI 140 insulated, HFI 150 sheathed multicores  
Intended for use as internal wiring of equipment

| Description                      |              | Cores                   |           |           | Finished Cable |          |          |         |        |                                                                                     |
|----------------------------------|--------------|-------------------------|-----------|-----------|----------------|----------|----------|---------|--------|-------------------------------------------------------------------------------------|
| D-TB                             | No. of cores | Tin Plated Copper (TPC) |           |           | HFI 140        | N/A      | HFI 150  | Weight  | Amps   |  |
|                                  |              | Size                    | Stranding | Conductor | Insulation     | Shield/s | Sheath/s |         |        |                                                                                     |
| 600 / 1000V AC U <sub>0</sub> /U | Lay up       | mm <sup>2</sup>         | # x mm    | Nom Ø     | Nom Ø          | Nom Ø    | Nom Ø    | Nom g/m | @ 40°C | Article Number                                                                      |
| D 3007 TB 2                      | 2            | 30                      | 7 x 0.10  | 0.30      | 0.70           | -        | 1.90     | 3.4     | 4      | 70300012006                                                                         |
| D 2807 TB 2                      |              | 28                      | 7 x 0.12  | 0.38      | 0.78           | -        | 2.00     | 4.3     | 5      | 70300012008                                                                         |
| D 2619 TB 2                      |              | 26                      | 19 x 0.10 | 0.48      | 0.88           | -        | 2.20     | 5.8     | 7      | 70300012015                                                                         |
| D 2419 TB 2                      |              | 24                      | 19 x 0.12 | 0.60      | 1.00           | -        | 2.50     | 7.8     | 8      | 70300012020                                                                         |
| D 2219 TB 2                      |              | 22                      | 19 x 0.15 | 0.76      | 1.16           | -        | 2.80     | 11      | 11     | 70300012040                                                                         |
| D 2019 TB 2                      |              | 20                      | 19 x 0.20 | 0.96      | 1.36           | -        | 3.30     | 16      | 16     | 70300012060                                                                         |
| D 1819 TB 2                      |              | 18                      | 19 x 0.25 | 1.20      | 1.60           | -        | 3.80     | 24      | 21     | 70300012100                                                                         |
| D 1619 TB 2                      |              | 16                      | 19 x 0.30 | 1.42      | 1.82           | -        | 4.20     | 31      | 27     | 70300012120                                                                         |
| D 1437 TB 2                      |              | 14                      | 37 x 0.25 | 1.75      | 2.25           | -        | 5.40     | 47      | 33     | 70300012200                                                                         |
| D 1237 TB 2                      |              | 12                      | 37 x 0.30 | 2.10      | 2.60           | -        | 6.10     | 61      | 42     | 70300012260                                                                         |
| D 3007 TB 3                      | 3            | 30                      | 7 x 0.10  | 0.30      | 0.70           | -        | 2.00     | 4.4     | 3      | 70300013006                                                                         |
| D 2807 TB 3                      |              | 28                      | 7 x 0.12  | 0.38      | 0.78           | -        | 2.20     | 5.7     | 4      | 70300013008                                                                         |
| D 2619 TB 3                      |              | 26                      | 19 x 0.10 | 0.48      | 0.88           | -        | 2.40     | 7.9     | 6      | 70300013015                                                                         |
| D 2419 TB 3                      |              | 24                      | 19 x 0.12 | 0.60      | 1.00           | -        | 2.70     | 11      | 8      | 70300013020                                                                         |
| D 2219 TB 3                      |              | 22                      | 19 x 0.15 | 0.76      | 1.16           | -        | 3.00     | 15      | 10     | 70300013040                                                                         |
| D 2019 TB 3                      |              | 20                      | 19 x 0.20 | 0.96      | 1.36           | -        | 3.50     | 23      | 15     | 70300013060                                                                         |
| D 1819 TB 3                      |              | 18                      | 19 x 0.25 | 1.20      | 1.60           | -        | 4.10     | 34      | 19     | 70300013100                                                                         |
| D 1619 TB 3                      |              | 16                      | 19 x 0.30 | 1.42      | 1.82           | -        | 4.60     | 45      | 24     | 70300013120                                                                         |
| D 1437 TB 3                      |              | 14                      | 37 x 0.25 | 1.75      | 2.25           | -        | 5.80     | 66      | 30     | 70300013200                                                                         |
| D 1237 TB 3                      |              | 12                      | 37 x 0.30 | 2.10      | 2.60           | -        | 6.50     | 88      | 38     | 70300013260                                                                         |
| D 3007 TB 4                      | 4            | 30                      | 7 x 0.10  | 0.30      | 0.70           | -        | 2.20     | 5.6     | 3      | 70300014006                                                                         |
| D 2807 TB 4                      |              | 28                      | 7 x 0.12  | 0.38      | 0.78           | -        | 2.40     | 7.1     | 4      | 70300014008                                                                         |
| D 2619 TB 4                      |              | 26                      | 19 x 0.10 | 0.48      | 0.88           | -        | 2.60     | 10      | 6      | 70300014015                                                                         |
| D 2419 TB 4                      |              | 24                      | 19 x 0.12 | 0.60      | 1.00           | -        | 2.90     | 14      | 7      | 70300014020                                                                         |
| D 2219 TB 4                      |              | 22                      | 19 x 0.15 | 0.76      | 1.16           | -        | 3.40     | 20      | 9      | 70300014040                                                                         |
| D 2019 TB 4                      |              | 20                      | 19 x 0.20 | 0.96      | 1.36           | -        | 3.90     | 30      | 14     | 70300014060                                                                         |
| D 1819 TB 4                      |              | 18                      | 19 x 0.25 | 1.20      | 1.60           | -        | 4.40     | 44      | 18     | 70300014100                                                                         |
| D 1619 TB 4                      |              | 16                      | 19 x 0.30 | 1.42      | 1.82           | -        | 5.10     | 59      | 23     | 70300014120                                                                         |
| D 1437 TB 4                      |              | 14                      | 37 x 0.25 | 1.75      | 2.25           | -        | 6.30     | 86      | 28     | 70300014200                                                                         |
| D 1237 TB 4                      |              | 12                      | 37 x 0.30 | 2.10      | 2.60           | -        | 7.20     | 114     | 36     | 70300014260                                                                         |

| Cable identification                                                                                    |                    |                              |                   |                                                                                       |  |                                                                                       |                           |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------------------------|--------------------|------------------------------|-------------------|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Cores: 1 <sup>st</sup> : Red, 2 <sup>nd</sup> : Blue, 3 <sup>rd</sup> : Yellow, 4 <sup>th</sup> : Green |                    |                              |                   |                                                                                       |  |                                                                                       |                           |  |  |  |  |
| Sheath: White                                                                                           |                    |                              |                   |                                                                                       |  |  |                           |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| Characteristics and key properties                                                                      |                    |                              |                   |                                                                                       |  |                                                                                       |                           |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                      | RoHS<br>2011/65/EU | REACH<br>EC No.<br>1907/2006 | LVD<br>2014/35/EU |  |  |  |                           |  |                                                                                       |                                                                                       |                                                                                       |
|                                                                                                         |                    |                              |                   |                                                                                       |  |                                                                                       |                           |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| DSP 61-12<br>Part 18<br>approved<br>(Cores)                                                             |                    |                              |                   |                                                                                       |  |                                                                                       | Test voltage<br>1.5 kV AC | Current rating<br>in free air to<br>IEC 60287                                         | +120°C<br>High temp<br><br>-30°C<br>Low temp                                          |                                                                                       |                                                                                       |

Data indicates nominal values in millimetres (mm) unless otherwise stated.  
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