

FEP // KT TPC

FEP insulated cores, based on: NEMA HP-4  
Intended for use as internal wiring of equipment

| Description                     | Conductor               |      |            |            |       | Finished wire |           |       |         |        |                                                                                     |
|---------------------------------|-------------------------|------|------------|------------|-------|---------------|-----------|-------|---------|--------|-------------------------------------------------------------------------------------|
| KT TPC                          | Tin Plated Copper (TPC) |      |            |            |       | FEP           |           |       | Weight  | Amps   |  |
|                                 | Size                    |      | Stranding  | Resistance | Wire  | Core          | Tolerance |       |         |        |                                                                                     |
| 250 / 500V AC U <sub>0</sub> /U | AWG                     | mm²  | # x mm     | Ω/km       | Nom Ø | Nom Ø         | Min Ø     | Max Ø | Nom g/m | @ 40°C | Article Number                                                                      |
| KT 3201 TPC                     | 32                      | 0.03 | 1 x 0.203  | 584.0      | 0.20  | 0.51          | 0.46      | 0.56  | 0.7     | 4      | 558cc3201                                                                           |
| KT 3207 TPC                     |                         | 0.03 | 7 x 0.079  | 597.1      | 0.24  | 0.56          | 0.51      | 0.61  | 0.8     |        | 558cc3207                                                                           |
| KT 3219 TPC                     |                         | 0.04 | 19 x 0.051 | 554.5      | 0.24  | 0.56          | 0.51      | 0.61  | 0.8     |        | 558cc3219                                                                           |
| KT 3001 TPC                     | 30                      | 0.05 | 1 x 0.254  | 374.0      | 0.25  | 0.56          | 0.51      | 0.61  | 0.9     | 5      | 558cc3001                                                                           |
| KT 3007 TPC                     |                         | 0.06 | 7 x 0.102  | 354.3      | 0.30  | 0.61          | 0.56      | 0.66  | 1.0     |        | 558cc3007                                                                           |
| KT 3019 TPC                     |                         | 0.06 | 19 x 0.064 | 347.8      | 0.30  | 0.61          | 0.56      | 0.66  | 1.0     |        | 558cc3019                                                                           |
| KT 2801 TPC                     | 28                      | 0.08 | 1 x 0.320  | 232.3      | 0.32  | 0.64          | 0.59      | 0.69  | 1.5     | 7      | 558cc2801                                                                           |
| KT 2807 TPC                     |                         | 0.09 | 7 x 0.127  | 223.8      | 0.38  | 0.69          | 0.64      | 0.74  | 1.4     |        | 558cc2807                                                                           |
| KT 2819 TPC                     |                         | 0.09 | 19 x 0.079 | 222.1      | 0.37  | 0.69          | 0.64      | 0.74  | 1.2     |        | 558cc2819                                                                           |
| KT 2601 TPC                     | 26                      | 0.13 | 1 x 0.404  | 146.0      | 0.40  | 0.71          | 0.66      | 0.76  | 1.7     | 9      | 558cc2601                                                                           |
| KT 2607 TPC                     |                         | 0.14 | 7 x 0.160  | 139.8      | 0.48  | 0.79          | 0.74      | 0.84  | 2.0     |        | 558cc2607                                                                           |
| KT 2619 TPC                     |                         | 0.15 | 19 x 0.102 | 131.6      | 0.48  | 0.79          | 0.74      | 0.84  | 2.1     |        | 558cc2619                                                                           |
| KT 2401 TPC                     | 24                      | 0.20 | 1 x 0.511  | 89.2       | 0.51  | 0.81          | 0.76      | 0.86  | 2.6     | 12     | 558cc2401                                                                           |
| KT 2407 TPC                     |                         | 0.23 | 7 x 0.203  | 86.0       | 0.60  | 0.91          | 0.86      | 0.96  | 2.9     |        | 558cc2407                                                                           |
| KT 2419 TPC                     |                         | 0.24 | 19 x 0.127 | 83.3       | 0.60  | 0.91          | 0.86      | 0.96  | 2.9     |        | 558cc2419                                                                           |
| KT 0,25 TPC                     | -                       | 0.25 | 14 x 0.150 | 76.9       | 0.66  | 0.95          | 0.89      | 1.01  | 4.0     | 13     | 558cc0025                                                                           |
| KT 2201 TPC                     | 22                      | 0.32 | 1 x 0.643  | 56.4       | 0.64  | 0.95          | 0.89      | 1.01  | 3.8     | 15     | 558cc2201                                                                           |
| KT 2207 TPC                     |                         | 0.35 | 7 x 0.254  | 54.8       | 0.76  | 1.07          | 1.02      | 1.12  | 4.4     |        | 558cc2207                                                                           |
| KT 2219 TPC                     |                         | 0.38 | 19 x 0.160 | 52.2       | 0.76  | 1.07          | 1.02      | 1.12  | 4.4     |        | 558cc2219                                                                           |
| KT 0,5 TPC                      | -                       | 0.50 | 19 x 0.185 | 40.1       | 0.88  | 1.25          | 1.20      | 1.30  | 6.0     | 21     | 558cc0050                                                                           |
| KT 2001 TPC                     | 20                      | 0.52 | 1 x 0.813  | 35.1       | 0.81  | 1.12          | 1.07      | 1.17  | 5.6     | 21     | 558cc2001                                                                           |
| KT 2007 TPC                     |                         | 0.56 | 7 x 0.320  | 34.1       | 0.96  | 1.27          | 1.22      | 1.32  | 6.3     |        | 558cc2007                                                                           |
| KT 2019 TPC                     |                         | 0.62 | 19 x 0.203 | 32.0       | 0.96  | 1.27          | 1.22      | 1.32  | 6.6     |        | 558cc2019                                                                           |
| KT 0,75 TPC                     | -                       | 0.75 | 24 x 0.200 | 26.7       | 1.13  | 1.45          | 1.40      | 1.50  | 9.0     | 27     | 558cc0075                                                                           |

|                                                                                                              |                    |                              |                   |            |           |          |            |          |                         |                                               |                     |
|--------------------------------------------------------------------------------------------------------------|--------------------|------------------------------|-------------------|------------|-----------|----------|------------|----------|-------------------------|-----------------------------------------------|---------------------|
| Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours |                    |                              |                   |            |           |          |            |          |                         |                                               |                     |
| 00: Black                                                                                                    | 11: Brown          | 22: Red                      | 33: Orange        | 44: Yellow | 55: Green | 66: Blue | 77: Violet | 88: Grey | 99: White               | 29: Pink                                      | 89: Clear           |
| Characteristics and key properties                                                                           |                    |                              |                   |            |           |          |            |          |                         |                                               |                     |
|                           | RoHS<br>2011/65/EU | REACH<br>EC No.<br>1907/2006 | LVD<br>2014/35/EU |            |           |          |            |          | Low smoke<br>generation | Flame<br>retardant                            | +180°C<br>High temp |
|                                                                                                              |                    |                              |                   |            |           |          |            |          |                         | Current rating<br>in free air to<br>IEC 60287 | -65°C<br>Low temp   |

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