

# STATIC APPLICATION

## TECNIFLEX® POWER&CONTROL MULTICORE BK 0,6-1KV

### APPLICATIVE FEATURES



#### MINIMUM BENDING RADIUS

| CROSS SECTION | CROSS SECTION MAX | DYNAMIC INSTALLATION | STATIC INSTALLATION |
|---------------|-------------------|----------------------|---------------------|
| 0.50          | 95.00             | occ. flexing 15xø    | 6.0xø               |

### APPROVALS



CPR 305/11 Eca CPR ECA



### TECHNICAL DATA



INSTALLATION 0°C +70°C  
STATIC -40°C +80°C  
OCCASIONAL FLEXING -5°C  
+70°C



NOMINAL VOLTAGE 0,6/1KV



TEST VOLTAGE 4000V (C/C)



INSULATION RESISTANCE > 20  
GOHM X CM

### CONSTRUCTION FEATURES

|                   |                  |  |
|-------------------|------------------|--|
| POWER CONDUCTORS  | CONDUCTOR        | CL5 FLEXIBLE.<br>BARE COPPER.                          |
|                   | INSULATION       | PVC COMPOUND.  |
|                   | INSULATION COLOR | BLACK CORE WITH WHITE PRINTED<br>NUMBER + GREEN YELLOW |
| OVERALL STRANDING | FILLER           | FILLER<br>SUITABLE                                     |
|                   | TALC             | TALC POWDER  |
|                   | SHEATH           | PVC COMPOUND.  |
|                   | SHEATH COLOUR    | MATTE BLACK<br>, RAL: 9005, DESINA: NO                 |

### PRODUCTS FEATURES



#### FIRE PERFORMANCE

IEC EN 60332-1-2; DIN VDE 0482-  
332-1-2



#### OIL PERFORMANCE

EN 50290-2-22 TM54 (CEI 20-  
34/0-1; 4 H / 70°C, OLIO IRM 902)  
VDE 0819 PART 102



#### UV PERFORMANCE

EN ISO 4892-3-2006 OR EN ISO  
4892-2-2013, METHOD A (COLOUR  
CHANGING ALLOWED)  
ACC. TO EN 50525-1 RISP. VDE  
0285-525-1 BLACK SHEATH  
CABLES ARE SUITABLE FOR  
OUTDOOR PERMANENT USAGE.  
NF C 32-321 AND RELATIVE  
ANNEXE A  
UV TEST REFERENCE:  
ISO 4892-2-2013  
ISO 4892-3-2006  
DIN EN ISO 4892-2

| TECO CODE | FORMATION | CUT | ROLLS [M] | DRUMS [M] | EXT Ø [MM] | WEIGHT [KG/KM] | INS. COLOUR EXC                        |
|-----------|-----------|-----|-----------|-----------|------------|----------------|--|
| 34295     | 2X1,00    | ✓   | 100       | 500       | 7.2        | 75             |  |
| 34302     | 2X1,50    | ✓   | 100       | 500       | 8.5        | 110            |  |
| 34310     | 2X2,50    | ✓   |           | 500       | 9.5        | 150            |  |
| 39280     | 3G0,75    | ✓   | 100       | 500       | 7          | 74             |  |
| 34296     | 3X1,00    | ✓   | 100       | 500       | 7.6        | 90             | BLACK CORE WITH WHITE PRINTED NUMBERS. |
| 34297     | 3G1,00    | ✓   | 100       | 500       | 7.6        | 90             |  |
| 34303     | 3G1,50    | ✓   | 100       | 500       | 9          | 130            |  |
| 36848     | 3X1,50    | ✓   | 100       | 500       | 9          | 130            | BLACK CORE WITH WHITE PRINTED NUMBERS. |
| 34938     | 3G2,50    | ✓   |           | 500       | 10.3       | 185            |  |
| 34298     | 4X1,00    | ✓   | 100       | 500       | 8.4        | 115            | BLACK CORE WITH WHITE PRINTED NUMBERS. |
| 34299     | 4G1,00    | ✓   | 100       | 500       | 8.4        | 115            |  |
| 34304     | 4G1,50    | ✓   | 100       |           | 9.6        | 155            |  |
| 34311     | 4G2,50    | ✓   |           | 500       | 11.3       | 225            |  |
| 34314     | 4G4,00    | ✓   |           | 500       | 13         | 315            |  |
| 34316     | 4G6,00    | ✓   |           |           | 14.6       | 420            |  |
| 34317     | 4G10,00   | ✓   |           |           | 18.5       | 680            |  |
| 35507     | 4G16,00   | ✓   |           |           | 21.8       | 980            |  |
| 35508     | 4G25,00   | ✓   |           |           | 27.4       | 1479           |  |
| 35509     | 4G35,00   | ✓   |           |           | 30.1       | 1961           |  |
| 34300     | 5G1,00    | ✓   |           | 500       | 9.2        | 140            |  |
| 34305     | 5G1,50    | ✓   |           | 500       | 10.5       | 230            |  |
| 34312     | 5G2,50    | ✓   |           | 500       | 12.5       | 280            |  |
| 34301     | 7G1,00    | ✓   |           | 500       | 10         | 170            |  |
| 34306     | 7G1,50    | ✓   |           | 500       | 11.5       | 230            |  |
| 34313     | 7G2,50    | ✓   |           |           | 13.8       | 355            |  |
| 34334     | 12G1,00   | ✓   |           | 500       | 13         | 260            |  |
| 34307     | 12G1,50   | ✓   |           |           | 15.5       | 385            |  |
| 34335     | 18G1,00   | ✓   |           |           | 15.7       | 395            |  |
| 34308     | 18G1,50   | ✓   |           |           | 18.2       | 550            |  |
| 34336     | 25G1,00   | ✓   |           |           | 18.6       | 540            |  |
| 34309     | 25G1,50   | ✓   |           |           | 21.9       | 760            |  |

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