

STATIC APPLICATION

TECNIFLEX® POWER&CONTROL MULTICORE-ST 450-750V

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	120.00	occ. flexing 20xø	6xø

APPROVALS



TECHNICAL DATA



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



NOMINAL VOLTAGE 450/750 V



TEST VOLTAGE (C/C) 4000V;
(C/S) 2000V



INSULATION RESISTANCE > 20
GOHM X CM

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER.
	INSULATION	PVC COMPOUND.
	INSULATION COLOR	BLACK CORE WITH WHITE PRINTED NUMBER + GREEN YELLOW
OVERALL STRANDING	FILLER	FILLER SUITABLE
	SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GRAY , RAL: 7001, 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, OIL IRM 902)
VDE 0819 PART 102

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
11451	(2X0,50)ST	✗	100	500	5.6	51	
1178	(2X1,00)ST	✓	100	500	6.5	72	
11778	(3G1,00)ST	✓	100		6.8	86	UNEL TABLE COLOUR
25582	(3X1,00)ST	✓	100	500/1000	6.8	86	BLACK CORE WITH WHITE PRINTED NUMBERS.
11678	(3G1,50)ST	✓	100	500	7.5	107	UNEL TABLE COLOUR
1829	(3G1,50)ST	✓	100	500	7.5	107	
1863	(4G0,50)ST	✓	100/200	500	6.3	57	
39291	(4X0,50)ST	✓	100/200	500	5.3	57	BLACK CORE WITH WHITE PRINTED NUMBERS.
10665	(4G1,00)ST	✓	100	500	7.4	100	
15128	(4X1,00)ST	✓	100		7.4	100	BLACK CORE WITH WHITE PRINTED NUMBERS.
18278	(4G1,50)ST	✓	100	500	8.2	128	UNEL TABLE COLOUR
8144	(4G1,50)ST	✓	100	500/1000	8.2	128	
11309	(4G2,50)ST	✓	100	500	9.9	195	
18279	(4G2,50)ST	✓	100	500/1000	9.9	195	UNEL TABLE COLOUR
18280	(4G4,00)ST	✓		500/100	11.7	350	UNEL TABLE COLOUR
6137	(4G4,00)ST	✓			11.7	350	
11310	(4G6,00)ST	✓			14.1	410	
18281	(4G6,00)ST	✓			14.1	410	UNEL TABLE COLOUR
18282	(4G10,00)ST	✓			17.6	660	UNEL TABLE COLOUR
6716	(4G10,00)ST	✓			17.6	660	
18283	(4G16,00)ST	✓			20.4	978	UNEL TABLE COLOUR
18284	(4G25,00)ST	✓			25.5	1510	UNEL TABLE COLOUR
18285	(4G35,00)ST	✓			28.4	1980	UNEL TABLE COLOUR
18286	(4G50,00)ST	✓			34.5	2840	UNEL TABLE COLOUR
21805	(5G0,50)ST	✓	100	500	7	84	
11654	(5G1,00)ST	✓	100	500	8	121	
10673	(5G1,50)ST	✓		500	9	154	
528	(7G0,50)ST	✓	100	500	7.6	105	
10278	(7G1,00)ST	✓	100	500	8.8	152	
11658	(7G1,50)ST	✓	100	500	9.9	192	
11659	(7G2,50)ST	✓		500	11.9	310	
10279	(12G1,00)ST	✓		500/100	11.6	270	
2131	(12G1,50)ST	✓			13	330	
886	(18G0,75)ST	✓		500	12.7	312	
10318	(18G1,00)ST	✓			13.6	395	
1580	(18G1,50)ST	✓			15.5	480	
10317	(25G1,00)ST	✓			15.9	495	
1877	(25G1,50)ST	✓			18	630	

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