

DYNAMIC APPLICATION

PMXX® PLUS POWER&CONTROL SINGLE CORE-ST

APPLICATIVE FEATURES



UP TO 5 MILLIONS CYCLES
GUARANTEED CYCLES



UP TO 50 M/S²
ACCELERATION



UP TO 15,0 M
CABLE LENGTH



UP TO 300 M/MIN
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
4.00	16.00	7xØ	5xØ
16.00	240.00	10xØ	5xØ

APPROVALS



AWM STYLE 11773
90°C 1000V



AWM I/II A/B 90°C
1000V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006



IEC 60754-1
EN 50267-1

TECHNICAL DATA



STORAGE -50°C +90°C
DYNAMIC -30°C +90°C
STATIC -40°C +90°C



TEST VOLTAGE 4.0 KV
TEST VOLTAGE REFERENCE EN
50395 (PART 6-7) - UL / 1581



NOMINAL VOLTAGE 1000 V
(UL/CSA) U0/U 0,6/1 KV (VDE)












INSULATION RESISTANCE ≥1
GOHM/KM

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL6 EXTRA-FLEXIBLE. BARE COPPER.
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	BLACK RAL 9005 OR GREEN-YELLOW
	SEPARATION LAYER	INNER TAPE POLYESTER TRANSPARENT TAPE OR NON-WOVEN TAPE
OVERALL STRANDING	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	MATTE BLACK , RAL: 9005, DESINA: NO

PRODUCTS FEATURES

	FIRE PERFORMANCE SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO DIN VDE 0482-332-1-2, DIN EN 60332- 1-2, IEC 60332-1-2, UL CABLE FLAME, UL VW-1, CSA FT1.		OIL PERFORMANCE VDE 0473-811-404, IEC 60811-404 (EU), EI EN 50363-10-2 (EU) 1581 (UL)		UV PERFORMANCE ISO 4892-2, EN 50289-4-17 OR ASTM-D-2565-16
	WATER PERFORMANCE UL 1581 - IEC 60811-1-3		COLD PERFORMANCE EN 60811-1-4		ABRASION PERFORMANCE ASTM D 4060
	MUD PERFORMANCE NEK 606		MICROBE PERFORMANCE VDE 0282/10		HOZONE PERFORMANCE EN 50396 ART. 8.1.3

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
46303	(1X6,00)ST (1XAWG10)ST	✓	100	500	7.3	99
46304	(1X10,00)ST (1XAWG8)ST	✓		500	8.8	180
46305	(1X16,00)ST (1XAWG06)ST	✓		500	10	275
46306	(1X25,00)ST (1XAWG04)ST	✓			11.5	380
46307	(1X35,00)ST (1XAWG2)ST	✓			13.2	480
46308	(1X50,00)ST (1XAWG01)ST	✓			15.6	590
46309	(1X70,00)ST (1XAWG2/0)ST	✓			17.5	820
46310	(1X95,00)ST (1XAWG3/0)ST	✓			20	1200
46311	(1X120,00)ST (1XAWG4/0)ST	✓			22.5	1400
46312	(1X150,00)ST (1X250KCMIL)ST	✓			24.6	1700

TE.CO. reserves the right to make changes to any of the products without, however, affecting the essential technical features. Unless specified otherwise, all the product ratings stated are nominal ratings. The RAL colour code is provided for illustrative purposes only.

Company managed and coordinated by Fangen S.r.l.. All rights reserved. No reproduction permitted without written permission from TE.CO. Tecnologia Commerciale S.p.A.