

DYNAMIC APPLICATION

PMXX® PLUS POWER&CONTROL SINGLE CORE

APPLICATIVE FEATURES



UP TO 5 MILLION
GUARANTEED CYCLES



50,0 M/SEC²
ACCELERATION



15,0M
CABLE LENGTH



300,0 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



2011/65/UE
2015/863/UE



IEC 60754-1
EN 50267-1

TECHNICAL DATA



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



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



TEST VOLTAGE 4,0 KV
TEST VOLTAGE REFERENCE EN
50395 PART 6-7 - UL/1581



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

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), CEI EN 50363-10-2(EU), 1581(UL).



UV PERFORMANCE

ISO 4892-2, ASTM-D-2565-16, EN 50289-4-17.



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]
46283	1G4,00 1GAWG12	✗	100	500	5.8	68
46293	1X6,00 1XAWG10	✓	100	500	6.6	95
46284	1G6,00 1GAWG10	✓	100	500	6.6	95
46294	1X10,00 1XAWG08	✓	100	500	8	150
46285	1G10,0 1GAWG08	✓	100	500	8	150
46295	1X16,00 1XAWG06	✓		500	9.3	240
46286	1G16,00 1GAWG06	✓	100	500	9.3	195
46296	1X25,00 1XAWG04	✓		500	11	325
46287	1G25,00 1GAWG04	✓			11	325
46297	1X35,00 1XAWG02	✓			12.6	410
46288	1G35,00 1GAWG02	✓			12.6	410
46298	1X50,00 1XAWG01	✓			14.7	685
46289	1G50,00 1GAWG01	✓			14.7	685
46299	1X70,00 1XAWG2/0	✓			16.8	790
46300	1X95,00 1XAWG3/0	✓			19	1100
46301	1X120,00 1XAWG4/0	✓			21.2	1350

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.

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