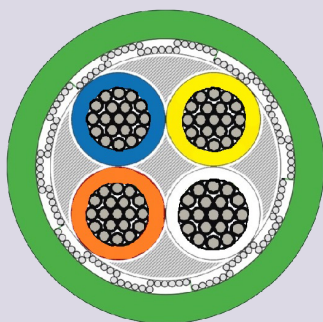


DYNAMIC APPLICATION

PMXX®

PROFINET-ETHERCAT 1000V CAT.5E

APPLICATIVE FEATURES



10,0M/S²
ACCELERATION



15,0M
CABLE LENGTH



200,0M/MIN
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.34	0.34	10xØ	6xØ

APPROVALS



AWM STYLE 21223
80°C 1000V



AWM I/II A/B 80°C
1000V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006



IEC 60754-1

TECHNICAL DATA



DYNAMIC
-40°C +80°C
STATIC
-50°C +80°C



NOMINAL VOLTAGE
1000V (UL)
MAX OPERATING VOLTAGE
100V EN 50288-2-1 / 2-2



TEST VOLTAGE
1000V (EU)
3000V (UL)
TEST VOLTAGE REFERENCE
ACC.TO IEC 61156-5
EN 50288-2-1 / 2-2 (EU)



INSULATION RESISTANCE
≥500MOHM/KM



NOMINAL IMPEDANCE
100±15% OHM

CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYETHYLENE COMPOUND (PE)
	INSULATION COLOR	CLOCKWISE SEQUENCE: WHITE YELLOW BLUE ORANGE PAIRS IN STAR QUAD POSITION.
OVERALL STRANDING	SEPARATION LAYER	TAPE POLYPROPYLENE TRANSPARENT PP
	SHEATH	INTERMEDIATE SHEATH TPE
	SEPARATION LAYER	SHILDED TAPE MYLAR INSIDE - ALLUMINIUM OUTSIDE
	SCREEN	SHIELD BRAID TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	TAPE TNT NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE

FT1(CSA)
IEC 60332-1-2(EU)



OIL PERFORMANCE

VDE 0473-811-404
IEC 60811-404
(EU) CEI EN 50363-10-2
1581 (UL)



UV PERFORMANCE

ACCORDING TO ISO 4892-2
EN 50289-4-17
ASTM-D-2565-16



HYDROCARBONS PERFORMANCE

UL 1581
EN 50267-2-1

TECO CODE	OEM REF.	FORMATION	CAPACITANCE [NF/KM]	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
36855	SIEMENS 6XV1870-2D	(1X4XAWG22/19)Q-M-SN-ST	0.06	✓	100	500	6.7	63

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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