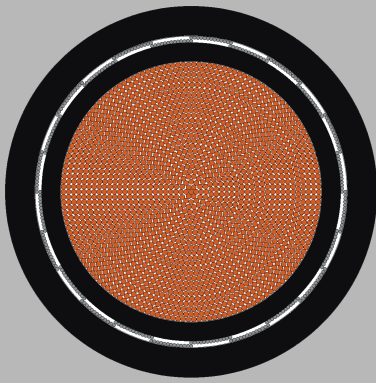


DYNAMIC APPLICATION



FRX[®]

POWER&CONTROL SINGLE CORE-ST

APPLICATIVE FEATURES



**5 MILLION
GUARANTEED CYCLES**



**5M/SEC²
ACCELERATION**



**20M
CABLE LENGTH**



**120M/MIN
TRAVEL SPEED**

DESCRIPTION

UL/CSA certified flexible single core power and control cables, designed for dynamic drag chains and automatic machinery applications with free movement without tensile stress or forced movements in dry or moist environment. Suitable for indoor and outdoor use. This type of cables can be a smart alternative to multicore power cables in case space or minimum bending radius requirements are challenging. Screening from electromagnetic interferences thanks to the dense braid Shield.

APPROVALS



2014/35/CEE



2011/65/UE



1907/2006



AWM STYLE 2570 80°C
1000V
File E244280



AWM I/II A/B 80°C
1000V

TECHNICAL DATA



DYNAMIC
-5°C / +80°C
STATIC
-40°C / +80°C



NOMINAL VOLTAGE
1000V (UL/CSA AWM)



TEST VOLTAGE
4000 V

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL6 EXTRA-FLEXIBLE (IEC 60228) BARE COPPER
	INSULATION	POLYOLEFIN
	INSULATION COLOUR	SEMI-TRANSPARENT
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
OVERALL STRANDING	SCREEN	SCREEN TINNED COPPER 85% ±5%
	SHEATH	PVC
	SHEATH COLOUR	MATTE BLACK, RAL: 9005

PRODUCTS FEATURES



FIRE PERFORMANCE
IEC 60332-1-2
EN 60332-1-2
VDE 0482-332-1-2
CABLE FLAME (UL)
VW-1 (UL)
FT1 (CSA)



OIL PERFORMANCE
EN 50363-4-1 (TM5)
VDE 0207-363-4-1
IEC 60811-404
UL 1581



UV PERFORMANCE
EN 50289-4-17
ISO 4892-2
ASTM-D-2565-16



WATER PERFORMANCE
IEC 60811
UL 1581



HYDROCARBONS PERFORMANCE
UL 1581

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
24033	(1X6)ST (1XAWG10)ST	✓	100	500	6.8	107
27203	(1X120)ST (1XAWG4/0)ST	✓			23	1476
27205	(1X185)ST (1X350KCMIL)ST	✓			28	2280

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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