



TECHNICAL DATA SHEET

part number cable family

36861 O.R. PMXX®

FORMATION: 4G16

4GAWG06

INSTALLATION TYPE: CABLE FOR DYNAMIC INSTALLATION ON DRAG CHAIN

CATEGORY: MULTI CORE

STANDARD/APPROVAL: CE/UL/CSA

SHIELDING: UNSHIELDED



GROUP // 4G16

CONDUCTOR

MATERIAL	Bare copper
CAPILLARY DIAMETER	- Extra-flexible (DIN VDE 0295, IEC 60228 or CEI 20-29)
CONDUCTORS NUMBER	4
RATED SECTION	16 mm ²

INTERNAL TAPING

ON MAKE-UP	Between conductor and insulation (optional)
MATERIAL	Transparent tape

INSULATION

MATERIAL	Polyolefin
COLOUR	Black conductors marked U/L1, V/L2, W/L3 + Green/Yellow.

TOTAL ASSEMBLY MAKE-UP

TE.CO. reserves the right to make some modifications to the products notwithstanding the basic technical characteristics. Unless otherwise stated, all indicated data are nominal. RAL colour is stated only as reference. TE.CO. Tecnologia Commerciale S.p.A. - Via Achille Grandi, 1 - 40013 Castel Maggiore (Bologna - Italia) - Tel +39 051 6047311 Web: www.tecoit.com - E-mail: sales@tecoit.com - Reg. Impr. Bologna e Codice Fiscale 03163100377 - P.IVA IT 01636081208. Subject to management and coordination activities handled by Pronos S.r.l.. All rights are reserved. The reproduction of any part of this document is not allowed without the written authorization of TE.CO. Tecnologia Commerciale S.p.A..

TOTAL TAPING

ON MAKE-UP Around the total assembly.

MATERIAL Non-woven tape

TOTAL SHEATH

MATERIAL Polyurethane non-abrasive

COLOUR Gray RAL 7040 DESINA ®

DIAMETER (MM) 20.7±0.5

MARKING

METRIC MARKING P/N 36861 TE.CO. E244280 - Fxx - cRUus - AWM STYLE
20234 80°C 1000V - AWM I/II A/B 80°C 1000V FT1 -
4GAWG06 - O.R. PMXX® 4G16 - IEC 60332-1-2 - year/week
- DESINA® - CE meter indication

ELECTRICAL FEATURES

WORKING VOLTAGE 1000 V

TEST VOLTAGE 4000 V

DYNAMIC FEATURES

MINIMUM BENDING RADIUS STATIC INSTALLATION 3 times \varnothing cable

MINIMUM BENDING RADIUS DYNAMIC INSTALLATION 6 times \varnothing cable

WORKING TEMPERATURE STATIC INSTALLATION -50°C / +80°C

WORKING TEMPERATURE DYNAMIC INSTALLATION -40°C / +80°C

TRAVEL SPEED Up to 240 m/min

ACCELERATION/DECELERATION Up to 30 m/sec²

CABLE LENGTH INSIDE CHAIN Up to 15 m

CHAIN LENGTH NOTES (horizontal only)

GUARANTEED CYCLES Up to 5 Mio

TORSIONS Contact our technical department

NOTES The given data are meant to be restricted to the type of reference installation. For fixed installation is meant to be without any mechanical stress. For application in dynamic installation with very low temperatures, contact our technical department.

APPROVALS AND STANDARDS

REFERENCE STANDARDS	1581, UL 758(UL); C22.2 n° 210(CSA)
UL CSA APPROVALS	RU E244280 AWM STYLE 20234 80°C 1000V CSA E244280 AWM I/II A/B 80°C 1000V
FIRE BEHAVIOUR	VW-1(UL); FT1(CSA); IEC 60332-1-2(EU) HALOGEN FREE: IEC 60754-1(EU)
INDUSTRIAL OIL RESISTANCE	1581(UL); IEC 60811-404(EU); CEI EN 50363-10-2(EU); IRM 902
HALOGEN FREE	SI
UV RESISTANCE	UV RESISTANT

CUSTOMS CODE

CUSTOMS-TARIFF NUMBER	85444999
MADE IN	IT

REVISION

DATE	30032018
NUMBER	002

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