	TECHNICAL DATA n° 1883 CA	ANGY PLANT Automotive part
REFERENCE DESIGNATION STANDARD	P7137*** CABLE Double Insulation T3 ZH Following STD 1059023 & 525001 & ISO 6722	DATE : 03/10/12 ISSUE : D PAGE : 1/2

REFERENCE	CONDUCTOR				INSULATION			SHEATH		
	Indicative CROSS SECTION	CORE (approx.nb x dia.)	NOMINAL DIAMETER (indicative)	MAXI DC Resistance At 20°C	MINI THICKNESS	MINI DIAMETER	MAXI DIAMETER	MINI THICKNESS	MINI DIAMETER	MAXI DIAMETER
	(mm ²)	(mm)	(mm)	(Ω/km)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
P7137440	16	492x0.21	5.30	1.16	0.53	6.50	7.00	0.58	8.00	8.50
P7137470	25	768x0.21	6.50	0.743	0.53	7.70	8.20	0.58	9.50	9.90
P7137490	35	1064x0.21	8.00	0.525	0.53	9.00	9.50	0.58	10.60	11.20
P7137520	50	1501x0.21	9.30	0.368	0.62	10.80	11.30	0.75	12.60	13.40
P7137560	70	2128x0.21	11.20	0.259	0.62	12.10	12.6	1.26	15.00	15.80
P7137580	95	798x0,41	13.60	0.196	0.71	14.40	14.90	1.26	17.30	18.30

I - CONDUCTOR

Metal
Mechanical resistance

Plain copper
Elongation of unit wires : ≥ 15 %

II - INSULATION


Compound
Colors
Temperature rating

Cross-linked halogen free Polyolefins
Ecru
-40°C / + 125°C

III - SHEATH

Compound
Colors
Dielectric test (direct current)
Temperature rating
Identification

Cross-linked halogen free Polyolefins
On Request
7500V to 8000V
-40°C / + 125°C
in ink "PRYSMIAN "cross-section" DI T3"
"cross-section" " with maxi lay length of 200 mm

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USING RECOMMENDATIONS

Suggested Knives : « V shape » (no flat knives) for cutting and « radius shape » for stripping

Section (mm ²)	16	25	35	50	70	95
Suggested diameter Approx. for radius shape knives (mm)	5.40	6.60	8.30	9.8	11.3	13.8

Quantities and gross weights (as an indication) by drum packaging

Sections (mm²)	Plastic drum XCP 600mm (*)		Wood drum 750mm (**)	
	Quantity (m)	Weight (kg)	Quantity (m)	Weight (kg)
16	650	120	1200	232
25	420	120	900	263
35	350	127	650	240
50	250	130	450	237
70			330	245
95			250	252

(*) 4 drums by pallet - (**) 2 drums by pallet

Temperature of storage	- 40°C à +85°C in original packaging
Sealing process	Possible with polyolefin type materials
For a long storage	If the cable is still unused during a long period. Sealing of the ends of the cables with hot wax to avoid oxydation. Following the picture below



DEVELOPMENT DEPARTMENT	QUALITY MANAGER
Settled by F. DESMOULIN florence.desmoulin@prysmiangroup.com Checked by David PAILLERY.	Approved by Florent DUPONT.
