

TECHNICAL DATA SHEET

CONTROL CABLES WITH COPPER CONDUCTORS, PVC INSULATED AND SHEATHED

STANDARD SPECIFICATION	GEN.TO VDE 0245 TEIL 102							
CABLE DESCRIPTION:	Y-JZ (-OZ)							
RATED VOLTAGE Uo/U V :	300/500							
No OF CORES x X-SECTION MM2:	2x1	2x1.5	3x1	3x1.5	3x2.5	3x10	4x1.5	4x2.5
SHAPE OF CONDUCTORS :	BARE ANNEALED FLEXIBLE COPPER, CLASS 5 IEC 60228 (EN 60228)							
TYPE OF INSULATION :	PVC TYPE TI 1							
NOM THICKNESS OF INSULATION MM :	0.5	0.5	0.5	0.5	0.7	0.9	0.5	0.7
CORE IDENTIFICATION :	COLOR CODE ACC. DIN VDE 0293 : BLACK CORES WITH WHITE NUMBERS FOR 2 CORES : WITHOUT GREEN/YELLOW CORE (-OZ) FROM 3 CORES AND ABOVE : WITH GREEN/YELLOW CORE (-JZ)							
TYPE OF OUTER SHEATH :	PVC TYPE TM 2, GREY RAL 7001							
NOM THICKNESS OF OUTER SHEATH MM:	0.8	0.8	0.8	0.8	1.0	1.6	0.8	1.1
APPR. CABLE OUTER DIAM. MM :	6.0	6.5	6.4	6.8	9.1	15.7	7.5	10.2
NOM. COILS LENGTH M ± 1 M:	100	100	100	100	100	100	100	100
NOM. DRUM LENGTH M ± 5% M:	1000 2000	1000 2000	1000 2000	1000 2000	1000 2000	1000 2000	1000 2000	1000 2000
TESTS :	ACC. TO VDE 0245 TEIL 102							
TEST VOLTAGE KV AC, 5 MIN:	2							
FLAME RETARDANCY :	IEC 60332-1 (EN 60332-1-2)							
MAX. OPERATING TEMPERATURE FIXED °C :	- 40, +70							
TEMPERATURE DURING INSTALLATION °C :	- 5, +70							
BENDING RADIUS FIXED :	4 x OD							
BENDING RADIUS MOVED :	15 x OD							
APPR. CABLE NET WEIGHT KG/KM:	55	67	65	82	140	470	100	180

OVERSHEATH MARKING: BY EMBOSSING OR INK (MANUFACTURER'S OPTION)

“ •CABLEL 1324FC 2014** Y-OZ 2x1* 300/500 V CE ”

* NUMBER OF CORES X CROSS-SECTION

** YEAR OF MANUFACTURE

AND METER MARKING BY INK EVERY 1M

OPTIONS IF ANY, AT MANUFACTURER'S DISCRETION, UNLESS OTHERWISE AGREED UPON BEFORE
PLACEMENT OF ORDER

No.:	FA 24699 / 24700	Cable Engineering Department	
Date – Revision:	30/06/2014 – 1	Detailed by:	F.Pene
Client – Destination country:		Approved by:	O. Avramescu

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CONTROL CABLES WITH COPPER CONDUCTORS, PVC INSULATED AND SHEATHED

STANDARD SPECIFICATION	GEN.TO VDE 0245 TEIL 102					
CABLE DESCRIPTION:	Y-JZ (-OZ)					
RATED VOLTAGE Uo/U V :	300/500					
No OF CORES x X-SECTION MM2:	5x1.5	5x2.5	5x10	5X16	7x1	7x1.5
SHAPE OF CONDUCTORS :	BARE ANNEALED FLEXIBLE COPPER, CLASS 5 IEC 60228 (EN 60228)					
TYPE OF INSULATION :	PVC TYPE TI 1					
NOM THICKNESS OF INSULATION MM :	0.5	0.7	0.9	1.0	0.5	0.5
CORE IDENTIFICATION :	COLOR CODE ACC. DIN VDE 0293 : BLACK CORES WITH WHITE NUMBERS FOR 2 CORES : WITHOUT GREEN/YELLOW CORE (-OZ) FROM 3 CORES AND ABOVE : WITH GREEN/YELLOW CORE (-JZ)					
TYPE OF OUTER SHEATH :	PVC TYPE TM 2, GREY RAL 7001					
NOM THICKNESS OF OUTER SHEATH MM:	1.0	1.1	1.6	1.7	1.0	1.1
APPR. CABLE OUTER DIAM. MM :	8.6	11.1	19.0	23.0	9.0	9.8
NOM. COILS LENGTH M ± 1 M:	100	100	N/A	N/A	100	100
NOM. DRUM LENGTH M ± 5% M:	1000 2000	1000 2000	1000 2000	1000 2000	1000 2000	1000 2000
TESTS :	ACC. TO VDE 0245 TEIL 102					
TEST VOLTAGE KV :	2					
FLAME RETARDANCY :	IEC 60332-1					
MAX. OPERATING TEMPERATURE FIXED °C :	- 40, +70					
TEMPERATURE DURING INSTALLATION °C :	- 5, +70					
BENDING RADIUS FIXED :	4 x OD					
BENDING RADIUS MOVED :	15 x OD					
APPR. CABLE NET WEIGHT KG/KM:	130	215	715	1070	132	175

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“ ●CABLEL 1324FC 2014** Y-JZ 5x1.5* 300/500 V CE ”

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STANDARD SPECIFICATION	GEN.TO VDE 0245 TEIL 102						
CABLE DESCRIPTION:	Y-JZ (-OZ)						
RATED VOLTAGE U _o /U V :	300/500						
No OF CORES x X-SECTION MM2:	12x0.75	12x1	12x1.5	12x2.5	16x1	18x1.5	21x1,5
SHAPE OF CONDUCTORS :	BARE ANNEALED FLEXIBLE COPPER, CLASS 5 IEC 60228 (EN 60228)						
TYPE OF INSULATION :	PVC TYPE TI 1						
NOM THICKNESS OF INSULATION MM :	0.5	0.5	0.5	0.7	0.5	0.5	0.5
CORE IDENTIFICATION :	COLOR CODE ACC. DIN VDE 0293 : BLACK CORES WITH WHITE NUMBERS FOR 2 CORES : WITHOUT GREEN/YELLOW CORE (-OZ) FROM 3 CORES AND ABOVE : WITH GREEN/YELLOW CORE (-JZ)						
TYPE OF OUTER SHEATH :	PVC TYPE TM 2, GREY RAL 7001						
NOM THICKNESS OF OUTER SHEATH MM:	1.2	1.1	1.2	1.5	1.2	1.4	1.4
APPR. CABLE OUTER DIAM. MM :	11.6	11.6	12.9	17	13	15.3	16.1
NOM. COILS LENGTH M ± 1 M:	100	100	100	100	100	100	100
NOM. DRUM LENGTH M ± 5% M:	1000 2000	1000 2000	1000 2000	1000 2000	1000 2000	1000 2000	1000 2000
TESTS :	ACC. TO VDE 0245 TEIL 102						
TEST VOLTAGE KV :	2						
FLAME RETARDANCY :	IEC 60332-1						
MAX. OPERATING TEMPERATURE FIXED °C :	- 40, +70						
TEMPERATURE DURING INSTALLATION °C :	- 5, +70						
BENDING RADIUS FIXED :	4 x OD						
BENDING RADIUS MOVED :	15 x OD						
APPR. CABLE NET WEIGHT KG/KM:	194	215	284	488	274	414	463

OVERSHEATH MARKING: BY EMBOSSING OR INK (MANUFACTURER'S OPTION)

“ ●CABLEL 1324FC 2014** Y-JZ 12x0.75* 300/500 V CE ”

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