

TECHNICAL DATA SHEET

LV CABLES WITH ALUMINIUM CONDUCTORS, PVC INSULATED, WITH CONCENTRIC CONDUCTOR, PVC SHEATHED,

STANDARD SPECIFICATION :	HD 603 S1 PART 3 SECT. J	
TYPE OF CABLE :	PFSP AL	
RATED VOLTAGE U ₀ /U V :	600/1000	
No OF CORES X NOM. X-SECTION MM ² :	3x240/70 SM	4x240/70 SM
CONDUCTOR SHAPE :	SECTOR SHAPED STRANDED ALUMINIUM, CLASS 2, IEC 60228	
TYPE OF INSULATION :	PVC TYPE DIV 9	
NOM. THICKN. OF INSULATION MM :	2.2	2.2
CORE IDENTIFICATION :	COLOR CODE ACC. TO HD 308 3 CORE: BROWN, BLACK, GREY 4 CORE : BLUE, BROWN, BLACK, GREY	
TYPE OF BEDDING :	POLYPROPYLENE TAPE	
CONCENTRIC CONDUCTOR :	COPPER WIRES APPLIED CONCENTRICALLY WITH ONE COUNTER HELIX CONSISTING IN TWO COPPER WIRES (or COPPER TAPE)	
TOTAL CROSS-SECTION OF CONDUCTOR SCREEN MM ² :	70	70
TYPE OF OVERSHEATH :	PVC TYPE DMV 24	
COLOUR OF OVERSHEATH	GREY RAL 7012	
NOM. THICKNESS OF OVERSHEATH MM :	2.6	2.6
APPR. OVERALL DIAMETER MM :	55.0	61.0
APPR. WEIGHT OF CABLE KG/M :	4005	4960
DRUM LENGTH ± 5% M :	400	400
TYPE OF DRUM	K-20	K-22
TESTS :	ACC. TO VDE 0276 TEIL 603	
FLAME RETARDANCY :	ACC. TO IEC60332-1	
CABLE CODE :	75180707766234	75180710266234

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

“ ●CABLEL 1324FC PFSP AL 3x240/70* 0.6/1KV HD 603 2017** CE ”
 * NUMBER OF CORES X CROSS-SECTION
 ** YEAR OF MANUFACTURE

AND METER MARKING BY INK EVERY 1M

No.order:	FA 38612-613-614-615	Cable Engineering Department	
Date – Revision:	02/05/2017 – 0	Detailed by:	F.Pene
Client – Destination country:		Approved by:	O. Avramescu