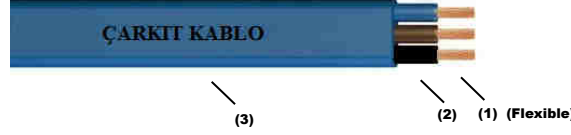



Cable Type : FLAT POLYVINYL CHLORIDE SHEATHED FLEXIBLE CABLES



CERTIFICATE/APPROVAL



CABLE DESCRIPTION

CONSTRUCTION	
STANDARDS	: EN 50214, IEC 60227-6
(1) CONDUCTOR	: Class 5 flexible copper conductor according to EN 60228
(2) INSULATION	: PVC (Polyvinyl Chloride) Type T1 2
(3) SHEATH	: PVC (Polyvinyl Chloride) Type TM 2
CHARACTERISTICS	
OPERATING TEMPERATURE	: -5 °C / +70 °C
MAX. SHORT CIRCUIT TEMPERATURE	: 160 °C (max. 5 sec.)
NOMINAL VOLTAGE (U ₀ /U)	: 450 / 750 V
TEST VOLTAGE	: 2500 V
MINIMUM BENDING RADIUS	: 8 x D D: Cable Diameter
INSULATION COLOR	
HD 308 S2	
3 core : Blue – Brown – Black	
4 core : Green Yellow – Brown – Black – Grey	
SHEATH COLOUR	
● Blue	
FLAME RETARDANT	
IEC 60332-1-2	
	
APPLICATIONS	
Specially for use in lifts, elevators, cranes and submersible pumps.	



CABLE DIAMETERS

NUMBER AND NOMINAL CROSS-SECTIONAL AREA OF CONDUCTORS	COPPER DIMENSION	THICKNESS OF INSULATION SPECIFIED VALUE	SHEATH THICKNESS AND OPENINGS		APPROX. MEAN OVERALL DIMENSIONS	MAX. RESISTANCE at 20°C	MINIMUM INSULATION RESISTANCE AT RATED TEMPERATURE
			e ₂	e ₃			
mm ²	mm	mm	mm		mm	Ω/km	mΩ.km
H07VVH6-F							
3 x 1,5	27 / 0,25	0,70	1,00	1,50	5,45x12,25	13,30	0,010
3 x 2,5	45 / 0,25	0,80	1,00	1,80	6,20x15,05	7,98	0,0090
3 x 4	50 / 0,30	0,80	1,20	1,80	7,10x16,65	4,95	0,0070
3 x 6	75 / 0,30	0,80	1,20	1,80	7,50x18,20	3,30	0,0060
3 x 10	74 / 0,40	1,00	1,40	1,80	9,70x22,50	1,91	0,0056
3 x 16	116 / 0,40	1,00	1,50	2,00	12,25x28,75	1,21	0,0052
3 x 25	180 / 0,40	1,20	1,60	2,00	13,30x33,40	0,780	0,0050
4 x 1,5	27 / 0,25	0,70	1,00	1,50	5,45x15,00	13,30	0,010
4 x 2,5	45 / 0,25	0,80	1,00	1,80	6,20x18,15	7,98	0,0090
4 x 4	50 / 0,30	0,80	1,20	1,80	7,10x20,10	4,95	0,0070
4 x 6	75 / 0,30	0,80	1,20	1,80	7,50x22,30	3,30	0,0060
4 x 10	74 / 0,40	1,00	1,40	1,80	9,70x29,85	1,91	0,0056
4 x 16	116 / 0,40	1,00	1,50	2,00	12,25x33,20	1,21	0,0052
4 x 25	180 / 0,40	1,20	1,60	2,00	13,30x41,00	0,780	0,0050
A07VVH6-F							
3 x 35	250 / 0,40	1,20	1,60	2,00	14,40x36,40	0,554	0,0043
3 x 50	360 / 0,40	1,40	1,60	2,00	16,60x42,30	0,386	0,0042
3 x 70	518 / 0,40	1,40	1,60	2,00	18,00x48,86	0,272	0,0036
3 x 95	670 / 0,40	1,60	1,80	2,20	20,45x54,95	0,206	0,0036

Due to variables in production, the information on this data sheet is approximate and subject to change without any notice.

