



Cable Type : FLEXIBLE CABLES WITH THERMOPLASTIC PVC INSULATION



CERTIFICATE/APPROVAL



CABLE DESCRIPTION

CONSTRUCTION	
STANDARD	: EN 50525-2-11
(1) CONDUCTOR	: Class 5 flexible copper conductor according to EN 60228
(2) INSULATION	: PVC (Polyvinyl Chloride) Type TI 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)	: H03 300/300 V H05 300/500 V
TEST VOLTAGE	: H03 1500 V H05 2000 V
MINIMUM BENDING RADIUS	: 6 x Ø
INSULATION COLOR	
HD 308 S2	
2 cond. : Blue – Brown	
FLAME RETARDANT	
IEC 60332-1-2	
	
APPLICATIONS	
Used on household appliances in covered dry, streamed and humid areas where low mechanical stress exist.	



CABLE DIAMETERS

NUMBER AND NOMINAL CROSS-SECTIONAL AREA OF CONDUCTORS	COPPER DIMENSION	THICKNESS OF INSULATION SPECIFIED VALUE	THICKNESS OF SHEATH SPECIFIED VALUE	MEAN OVERALL DIMENSIONS		MAX. RESISTANCE at 20°C	MINIMUM INSULATION RESISTANCE AT RATED TEMPERATURE
				LOWER LIMIT \emptyset	UPPER LIMIT \emptyset		
mm ²	mm	mm	mm	mm	mm	Ω /km	m Ω .km
H03VVH2-F							
2 x 0,50	15 / 0,20	0,50	0,60	3,00x4,90	3,70x5,90	39,00	0,011
2 x 0,75	22 / 0,20	0,50	0,60	3,20x5,20	3,80x6,30	26,00	0,010
H05VVH2-F							
2 x 0,75	22 / 0,20	0,60	0,80	3,70x6,00	4,50x7,20	26,00	0,011
2 x 1	29 / 0,20	0,60	0,80	3,90x6,20	4,70x7,50	19,50	0,010
2 x 1,5	27 / 0,25	0,70	0,80	4,20x7,00	5,20x8,60	13,30	0,010

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

