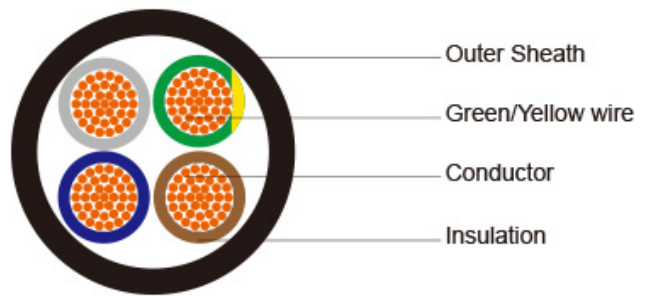


Harmonized Code Industrial Cables H05BB-F /H07BB-F



Application and Description

These rubbers insulated and sheathed electric cables, with a parallel EPDM tube, joined with a textile braid, are used especially for electric steam generator irons (named usually “vaporellas”). The cables are suitable for the stripping force on automatic machines and for low temperature environments.

Standard and Approval

HD 22.12
CEI 20-19/12
NF C 32-102-4

Cable Construction

CONDUCTOR 1: Bare/Tinned copper strand conductor
INSULATION 2: EPR rubber type E17
SHEATH 3: EPR rubber type EM6
SHEATH COLOR: normally black; acc. to DIN VDE 0295 class 5. IEC 60228 class 5; Color coded to VDE 0293-308(3 conductors and above with yellow/green wire)
WORKING VOLTAGE: 300/500V (H05BB-F) ; 450/750V (H07BB-F)
TEST VOLTAGE: 2000V (H05BB-F) ; 2500V (H07BB-F)
FLEXING BENDING RADIUS: 4 x Ø
STATIC BENDING RADIUS: 3 x Ø

Technical Characteristics

OPERATING TEMPERATURE: - 40°C to + 60°C (H05BB-F) ; - 25°C to + 90°C (H07BB-F)
SHORT CIRCUIT TEMPERATURE: 250°C
FLAME RETARDANT: VDE 0482-332-1-2/IEC 60332-1

Cable Parameter

AWG	NO. OF CORES X NOMINAL CROSS SECTIONAL AREA	NOMINAL THICKNESS OF INSULATION	NOMINAL THICKNESS OF SHEATH	NOMINAL OVERALL DIAMETER	NOMINAL WEIGHT
	# X MM²	MM	MM	KG/KM	KG/KM
H05BB-F					
18(24/32)	2x0.75	0.6	0.8	6.3	53
17(32/32)	2x1	0.6	0.9	6.8	64
16(30/30)	2x1.5	0.8	1.0	8.3	95
14(50/30)	2x2.5	0.9	1.1	9.8	140
18(24/32)	3x0.75	0.6	0.9	6.8	65
17(32/32)	3x1	0.6	0.9	7.2	77
16(30/30)	3x1.5	0.8	1	8.8	115

14(50/30)	3x2.5	0.9	1.1	10.4	170
12(56/28)	3 x 4	1	1.2	12.2	240
10(84/28)	3 x 6	1	1.4	13.6	320
18(24/32)	4x0.75	0.6	0.9	7.4	80
17(32/32)	4x1	0.6	0.9	7.8	95
16(30/30)	4x1.5	0.8	1.1	9.8	145
14(50/30)	4x2.5	0.9	1.2	11.5	210
12(56/28)	4 x 4	1	1.3	13.5	300
10(84/28)	4 x 6	1	1.5	15.4	405
18(24/32)	5x0.75	0.6	1	8.3	100
17(32/32)	5x1	0.6	1	8.7	115
16(30/30)	5x1.5	0.8	1.1	10.7	170
14(50/30)	5x2.5	0.9	1.3	12.8	255
H07BB-F					
17(32/32)	2x1	0.8	1.3	8.20	89
16(30/30)	2x1.5	0.8	1.5	9.10	113
14(50/30)	2x2.5	0.9	1.7	10.85	165
17(32/32)	3x1	0.8	1.4	8.90	108
16(30/30)	3x1.5	0.8	1.6	9.80	138
14(50/30)	3x2.5	0.9	1.8	11.65	202
17(32/32)	4x1	0.8	1.5	9.80	134
16(30/30)	4x1.5	0.8	1.7	10.85	171
14(50/30)	4x2.5	0.9	1.9	12.80	248
17(32/32)	5x1	0.8	1.6	10.80	172
16(30/30)	5x1.5	0.8	1.8	11.90	218