H05VVD3H6-F

Application and Description

These cables are generally used in crews of, elevators for people and heavy burdens, and swift conduct parts of machines.They are applicable for all control, measure and telecommunication systems and are suitable for dry and humid rooms.

Standard and Approval

<HAR> EN 50214; HD 359 S3; IEC 60332-1

Cable Construction

- Bare copper strand conductor acc. to DIN VDE 0295 class 5/6 resp. IEC 60228 class 5/6
- PVC T12 core insulation
- Color coded to VDE 0293-308, >6 wires black with white numerals with green/yellow wire
- Black PVC TM 2 sheath

Technical Characteristics

- Working voltage: 300/500 V
- Test voltage: 2000V
- Minimum bending radius: 10 × Ø
- Flexing temperature: -30 °C - +70 °C
- Static temperature: -40 °C - +70 °C
- Flame retardant: IEC 60332-1
- Insulation resistance: 350 MΩ x km

Cable Parameter

AWG	No. of Cores x Nominal Cross Sectional Area *# x mm²*	Nominal Overall Dimension *mm*	Nominal Copper Weight *kg/km*	Nominal Weight *kg/km*
18(24/32)	20 x 0.75	61.8 x 4.2	131	462
18(24/32)	24 x 0.75	72.4 x 4.2	157	546
17(32/32)	12 x 1	41.8 x 4.3	105	330
17(32/32)	14 x 1	47.8 x 4.3	122	382
17(32/32)	18 x 1	57.8 x 4.3	157	470
17(32/32)	24 x 1	74.8 x 4.3	210	617