

TECHNICAL DATASHEET AND SPECIFICATIONS

1191-HD2018

Type: Shielded Alarm Cable Combined PVC



Application: Cable for connection of alarm system with protection against interference; The combination of power wires and data transmission wires inside a same jacket allow to have one sole cable to transmit both data and energy to the alarm system.

PHYSICAL CHARACTERISTICS

Conductor: Copper Clad Aluminium Stranded - Class 5
Identification of conductors:
 0,22 mm² : white, Red, Yellow, Green, Grey, Orange, Blue, Black, Brown, Purple
 0,50 & 0,75mm²: Black, Red
Insulation: Flexible PVC
Shielding: PET Tape - Aluminium/PET tape > 100% coverage + Flexible Drain wire
Conductor Assembly: Helicoidally under PET Tape
Outer jacket: Flexible White PVC

ELECTRICAL CHARACTERISTICS

Operating voltage 0.22mm²: 200V
Operating voltage 0.50mm² or 0.75mm²: 250V
Testing Voltage: 1500V
Max. electrical resistance at 20°C: 170 MΩ.Km (section 0.22mm²)
 50 MΩ.Km (section 0,50mm²)
 40 MΩ.Km (section 0.75mm²)
Min. insulation resistance at 20°C: 200 MΩ.Km
Working Temperature: -10°C +70°C
Bending Radius: 10x Diameter of the cable

NORMS AND STANDARDS

TESTS	STANDARD	RESULT
Flame Retardant	IEC 60332-1	CONFORM

MECHANICAL CHARACTERISTICS

Nb of conductors	Outer Diameter (mm) +/- 0.5mm
2x0.50+2x0,22	4.3
2x0.50+4x0.22	4.9
2x0.50+6x0.22	5.2
2x0.50+8x0.22	6
2x0.50+10x0.22	6.2
2x0.75 + 2x0.22	4.7
2x0.75+4x0.22	5.1
2x0.75+6x0.22	5.4

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