

HCHM EIB BUS C_{ca}

Safety cable for telecommunication systems, 250 V
+70 °C service temperature, collective screen, low smoke, zero halogen, fire retardant
adapted to DIN VDE 0815 and EN 50575

Application

Collectively screened communication cable with improved fire characteristics for telecommunications and information processing systems. The product is designed for use in building management, e.g. for decentralized control of lighting, heating, air-conditioning, ventilation, energy management, blinds, time management, locking systems etc. Zero halogen cables are suitable for installation in environments where smoke and toxic fumes may threaten life or valuable equipment. For fixed installation indoors.

Construction



1. Conductor: Copper conductor, bare, solid (class 1)
2. Insulation: Halogen free compound
Core identification: red, black, white, yellow
3. Separator: Plastic tape
4. Screen: Laminated Alu/PETP tape + tinned copper drain wire
5. Outer sheath: Halogen free compound, green

Technical information

Rated voltage	U _{max}	250 V
Max. permissible temperature at conductor		70 °C
Operating temperature	fixed installed	-30 °C to 70 °C
Temperature during installation		-5 °C to 50 °C
Min. bending radius mm	fixed installed	7,5 x outer diameter in mm

Safety parameters

Reaction to fire EN 50399 C_{ca} – s1, d1, a1

N° of cores and cross section mm	Outer diameter approx. mm	Copper index approx. kg/km	Weight approx. kg/km
1 x 4 x 0,8	5,7	21	51

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.