

NX200+ Cable

BS 5839-1: 2002 Cat. Standard. 300/500 V. A fire resistant, fire retardant and low smoke cable for use in buildings where systems need to remain operational. Maximum conductor temperature is 70°C.

Types Approval

BASEC

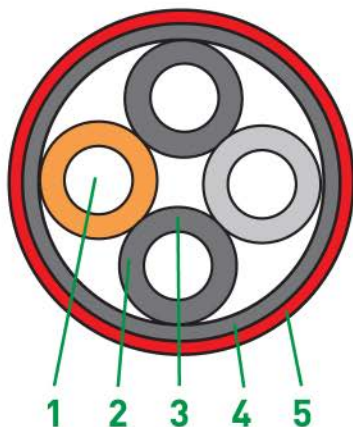
LPCB

Application

- Fire detection and fire alarm systems for buildings
- Public address systems
- Emergency lighting

Design

- 1. Conductor:** Bare copper, Solid Class 1 (1, 1.5mm²), Stranded Class 2 (2.5 4mm²) according to BS 6360/IEC 60228
- 2. Insulation:** Silicon rubber to BS 7655
- 3. Un-insulated protective conductor:** Tinned copper according to BS6360: same class and cross sectional area as insulated conductor
- 4. Screen:** Aluminium/polyester tape with optional polyester tape
- 5. Outer sheath:** Halogen free polyolefin Colour: Red



Technical Information

Marking:

ALSECURE NX 200 - n x s
300/500 V - BASEC - LPCB - BS 7629-1 - BS 6387 CWZ - BS 8434-2 -
NEXANS - week/year

Standards:

BS 7629 Part 1
BS 5839-1: 2002 Cat. Enhanced

Electrical Characteristics:

Rated Voltage U₀/U 300/500 V

Fire Resistant:

BS 6387 CWZ, BS 8434-2: 2003, BS EN 50200 PH 120

Flame Retardant:

BS EN 50265 1 & 2.1: IEC 60332 Part 1

Low Smoke:

BS EN 50268: IEC 61034

Halogen Free:

BS EN 50267: IEC 60754

Low Toxicity:

BS EN 50267: IEC 60754

Low Corrosivity:

BS EN 50267: IEC 60754

Temperature:

-20°C + 60°C

Core Identification

Two Cores:

Brown-blue

Three Cores:

Brown-black-grey

Four Cores:

Brown-black-grey-blue

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