



**ALSECURE® NX200**  
**EXCEEDING EXPECTATIONS**

A photograph of a red fire-resistant cable with three exposed metal conductors, positioned above a large, bright orange and yellow flame. The cable is shown to be unaffected by the fire.

**FIRE RESISTANT CABLES**



## ALSECURE® NX200

BS 7629-1 STANDARD

Nexans new, improved Alsecure® NX200 has been designed to be a highly user friendly, high performance Fire Resistant cable. When you purchase Nexans products you also know that they will meet (or exceed) the performance requirements of all applicable standards and carry independent third party certification so, as you would expect, Alsecure® NX200 is fully LPCB, LUL and BASEC approved.


To provide the ultimate ease and speed of installation stripping of both insulation and sheath couldn't be easier. Just lightly ring the sheath and break it away together with the bonded aluminium foil. The most common sizes have no additional binders or loose foils so the silicone conductor insulation can then be stripped off in an instant saving you time and money.

### Nexans Alsecure® NX200 can be used for :

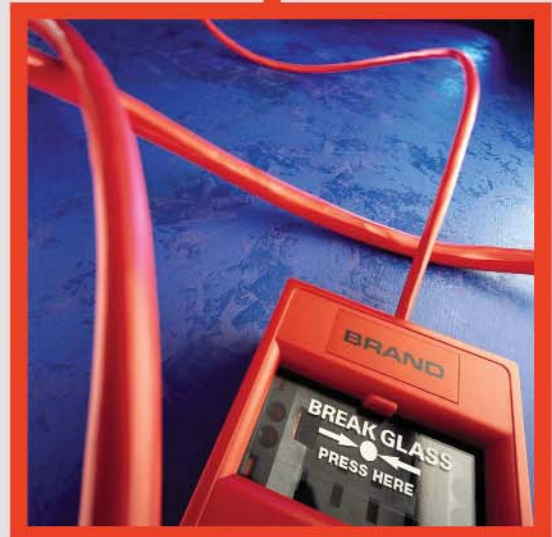
- AC and DC voltages of 300/500V.
- Fire detection and fire alarm critical signal path according to BS5839-1:2002 + A2:2008 "Standard" application areas
- Voice alarm systems according to BS5839-8:2008
- Emergency lighting systems according to BS5266-1:2005

### Nexans Alsecure® NX200 improved features :

- Speedy stripping and termination
- 120 minute circuit integrity (PH120 to BS EN 50200 & Annex E) > 60 min longer than most other standard fire resistant cables
- Halogen-free, flame retardant, low smoke, good chemical resistance

 Made in Switzerland

When the protection of human life and sensitive electronic equipment is paramount, choosing the right materials is essential. As well as assuring the integrity of fire safety systems installing Alsecure® NX200 also limits the effects of toxic fumes and smoke, thus aiding the facilitation of effective escape for people from a fire situation and reducing collateral damage to expensive equipment.



Halogen Free  
BS EN 50267, IEC 60754,  
LUL 1-085A3



Fire Resistant  
BS 6387 CWZ,  
BS 8434-1 :2003,  
BS EN 50200 PH 120,  
LUL 1-085A3



Fire Retardant  
IEC 60332-3-24,  
LUL 1-085A3



Smoke Density  
IEC 61034, BS EN 50268,  
LUL 1-085A3



Maximum Operating  
Temperature 90°C



Chemical  
Resistance  
Good





Stock symbol	Product name	No of cores	Nom. cross section	Nom. outer diameter	Cable weight approx	Conductor	Max conductor resistance	Current rating DC or single phase AC enclosed	Current rating DC or single phase AC direct clipped	Voltage drop DC or single core AC
		n	mm <sup>2</sup>	mm	kg / km	class	Ω/km	Amps	Amps	mV/A/m
☎	NX200 2 x 1	2	1	8	79	1	18.1	17	19	46
☎	NX200 3 x 1	3	1	8.4	97	1	18.1	17	19	46
☎	NX200 4 x 1	4	1	9.3	122	1	18.1	17	19	46
☎	NX200 2 x 1.5	2	1.5	8	89	1	12.1	22	24	31
☎	NX200 3 x 1.5	3	1.5	8.4	110	1	12.1	22	24	31
☎	NX200 4 x 1.5	4	1.5	9.5	133	1	12.1	22	24	31
☎	NX200 2 x 2.5	2	2.5	9.3	126	1	7.41	30	33	19
☎	NX200 3 x 2.5	3	2.5	10.1	161	1	7.41	30	33	19
☎	NX200 4 x 2.5	4	2.5	11.2	201	1	7.41	30	33	19
☎	NX200 2 x 4	2	4	11.3	196	2	4.61	40	45	12
☎	NX200 3 x 4	3	4	13.3	255	2	4.61	40	45	12
☎	NX200 4 x 4	4	4	14.1	315	2	4.61	40	45	12

#### Multicores

☎	NX200 7 x 1.5	7	1.5	11.8	221	1
☎	NX200 12 x 1.5	12	1.5	14.8	340	1
☎	NX200 19 x 1.5	19	1.5	17.5	510	1
☎	NX200 7 x 2.5	7	2.5	13.7	310	1
☎	NX200 12 x 2.5	12	2.5	17.9	490	1
☎	NX200 19 x 2.5	19	2.5	20.8	810	1

All products we stock are available in Red or White.

☎ Made to order ☎ In Stock

#### Rating factor for different ambient temperature

Ambient temperature °C	25	30	35	40	45	50	55
Rating factor	1.02	1.00	0.96	0.91	0.87	0.82	0.76

#### Rating factor for groups

Number of circuits	1	2	3	4	5	6	7
Rating factor	1.00	0.80	0.70	0.65	0.60	0.57	0.54

Cable marking: ALSECURE NEXANS-CH NX200-BB BS7629-1 BS6387 CWZ EN50200 PH120 & ANNEX E LPCB 1029a/01 BASEC nxmm<sup>2</sup> 300/500V LUL 1-085A3



Cert No. 1029a/01

Cert No. 174/001

LUL Standard: 1-085A3

LUL Standard: 1-085A3

Supplier Id: 23884





Nexans offers a comprehensive range of innovative cable solutions to ensure the safety and environmental-friendliness of today's buildings.

- Residential: In addition to standard cables, Nexans provides a full choice of specialised cables and network solutions to meet the growing demands of the information-rich modern home, while providing new levels of security and comfort.
- Public and Office Buildings: Nexans works closely with builders and installers to identify needs for specific building types, and new functions, like Data Centers, Security Services and Storage Area Networks (SANs).
- Industrial Buildings: With Ethernet rapidly becoming a common factory platform, connecting machines, robots and equipment on the factory floor with the front/back office, Nexans has developed a number of industrial solutions, including open standards and architectures and Industrial Ethernet. Fire-safety cables protect both people and plant infrastructure. Industrial cables are environmentally-friendly (lead-free, low EMI) and are fully recyclable.



**Contact us:**

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