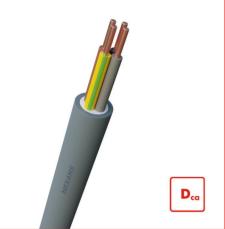


YMvK Dca-s2 0.6/1 kV Easy Strippable 4G2.5 MM2



Nexans Ref.: 10559864 EAN 13: 5413404321469

FIRE PERFORMANCE CLASS



Dca-s2,d2,a3





CONTACT

Product Management service.nnl@nexans.com Power cable according to Dutch standard with fire classification Dca-s2,d2,a3 for usage in low voltage installations up to 0.6/1 kV in housing, residential and simular installation with a medium fire hazard level

STANDARDS

Product HD 604.4D: IEC 60228

Test KEMA 42 C-1-4-D

APPLICATIONS

YMvK Dca 0.6/1 kVis a power cable for general use in construction works subject to performance requirements on reaction to fire. YMvK Dca 0.6/1 kV is suitable for application in low voltage installations up to 0.6/1 kV, according to NEN 1010. It meets the requirements according to fire classification Dca-s2,d2,a3 for usage in buildings and civil engineering works with a medium fire hazard level (NEN 8012).

Thanks to its improved flexibility YMvK Dca-s2 FLEX 0.6/1 kV is easier to install then the non-flexible version. YMvK Dca FLEX 0.6.1 kV is available from 35 mm2.

YMvK Dca-s2 0.6/1 kV Easy Strippablehas an improved design with an easier to strip cable sheaths. With Easy Strippable you can remove the sheath in a single smooth motion over a length of up to 100 cm.

Design

Conductor:

Conductors untill 10 mm2: Bare copper, solid, class 1 Conductors from 10 mm2: Bare copper, stranded, class 2

2. Insulation: XLPE

3. Inner covering: filling compound

Outer sheath: PVC Colour: Grey UV resistance: Yes

CORE IDENTIFICATION

• 1 core : black

• 2 cores : brown - blue

• 3G cores: brown - blue - green/yellow

• 3x cores : black - brown - grey

• 4 cores : brown - black - grey - green/yellow

• 5 cores : brown - blue - black - grey - green/yellow



Conductor flexibility Solid class 1



I ead free Yes



Rated Voltage Uo/U (Um) 0.6/1 kV



Mechanical resistance to impacts Good



Bending factor when laying 10 (xD)



Minimum installation temperature 0 °C



Operating temp.



Max conductor temp.in service



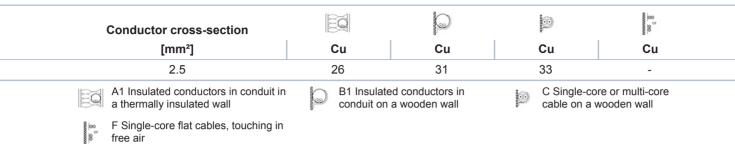
CHARACTERISTICS

C	Construction characteristics	
	With Green/Yellow core	Yes
	Core identification	Brown, black, grey, green / yellow
	Sheath colour	Grey
	Conductor shape	Round solid
	Conductor material	Bare copper
	Insulation	XLPE (chemical)
	Protection	Filler
	Outer sheath	PVC
	Conductor flexibility	Solid class 1
	Lead free	Yes
D	Dimensional characteristics	
	Number of cores	4
	Conductor cross-section	2.5 mm ²
	Approximate weight	249 kg/km
	Nominal outer diameter	12.5 mm
	Average insulation thickness	0.7 mm
	Nominal outer sheath thickness	1.8 mm
E	lectrical characteristics	
	Loop resistance, max. at 20°C	7.41 Ohm/km
	Permissible current rating in open air	32 A
	Rated Voltage Uo/U (Um)	0,6/1 kV
N	Mechanical characteristics	
	Mechanical resistance to impacts	Good
U	Isage characteristics	
	Field of application	Standard
	Bending factor when laying	10 (xD)
	One single bending at each end minimum	8 (xD)
	Minimum installation temperature	0 °C
	Operating temperature, range	-20 80 °C
	Max. conductor temperature in service	90 °C
	Packaging	Cut to length
	U.V resistance	EN 50289-4-17 method A, for 720h



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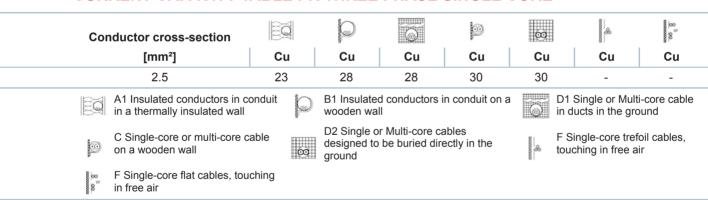
CURRENT CAPACITY TABLE PR SINGLE PHASE SINGLE CORE



CURRENT CAPACITY TABLE PR SINGLE PHASE MULTICORE

Conductor cross-section [mm²]	Cu	© Cu	© Cu	© Cu	© Cu	Cu
2.5	25	30	33	33	35	36
A2 Multi-core cable in conduit in thermally insulated wall	n a 🌘	B2 Multi-core cab wooden wall	ole in conduit on	((•(•))	C Single-core or cable on a woode	
D1 Multi-core cable in ducts in ground	11111111111	D2 Multi-core cat buried directly in		be	E Multi-core cabl	e in free air

CURRENT CAPACITY TABLE PR THREE PHASE SINGLE CORE



CURRENT CAPACITY TABLE PR THREE PHASE MULTICORE NL

Conductor cross-section		6		<u></u>	63	©	
[mm²]	Cu	Cu	Cu	Cu	Cu	Cu	
2.5	22	26	28	30	30	32	
A2 Multi-core cable in conduit thermally insulated wall	in a	B2 Multi-core ca wooden wall	ble in conduit on	1111/201111	D1 Multi-core cable in ducts in the ground		
C Single-core or multi-core ca on a wooden wall		D2 Multi-core ca buried directly in		be	E Multi-core ca	ble in free air	



SELLING AND DELIVERY INFORMATION

Marking

YMvK Dca (FLEX) n (x or G) s mm2 NEXANS BÈNELÚX KEMA KEUR Meter Marking