

YMvK Dca-s2 0.6/1 kV Easy Strippable 5G4 MM2



Dca

Nexans Ref.: 10559858 EAN 13: 5413404321407

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



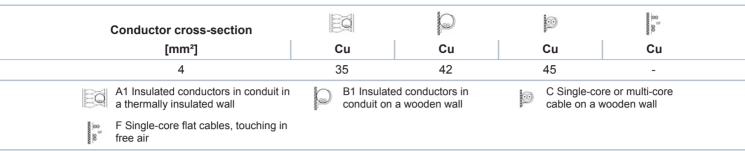
CHARACTERISTICS

Constructi	on characteristics	
With Gre	en/Yellow core	Yes
Core ide	ntification	Blue, brown, black, grey, green / yellow
Sheath o	olour	Grey
Conducte	or shape	Round solid
Conduct	or material	Bare copper
Insulation	1	XLPE (chemical)
Protectio	n	Filler
Outer sh	eath	PVC
Conduct	or flexibility	Solid class 1
Lead free		Yes
Dimension	al characteristics	
Number	of cores	5
Conduct	or cross-section	4 mm²
Approxin	nate weight	388 kg/km
Nominal	outer diameter	14.5 mm
Average	insulation thickness	0.7 mm
Nominal	outer sheath thickness	1.8 mm
Electrical of	haracteristics	
Loop res	istance, max. at 20°C	4.61 Ohm/km
Permissi	ble current rating in open air	42 A
Rated Vo	oltage Uo/U (Um)	0,6/1 kV
Mechanica	I characteristics	
Mechani	cal resistance to impacts	Good
Usage cha	racteristics	
Field of a	application	Standard
Bending	factor when laying	10 (xD)
One sing	le bending at each end minimum	8 (xD)
Minimum	installation temperature	0 °C
Operatin	g temperature, range	-20 80 °C
Max. cor	ductor temperature in service	90 °C
Packagir	ng	Cut to length
U.V resis	stance	EN 50289-4-17 method A, for 720h



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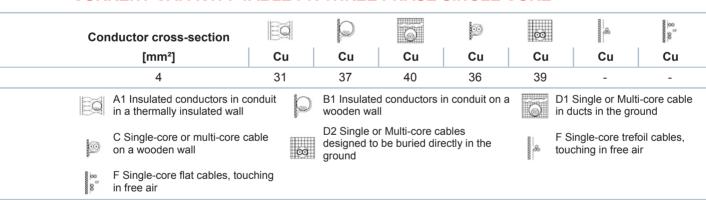
CURRENT CAPACITY TABLE PR SINGLE PHASE SINGLE CORE



CURRENT CAPACITY TABLE PR SINGLE PHASE MULTICORE

Conductor cross-section [mm²]	Cu	Cu	© Cu	© Cu	© Cu	Cu
4	33	40	43	45	46	49
A2 Multi-core cable in conduit i thermally insulated wall	n a	B2 Multi-core cab wooden wall	le in conduit on	((•(•))	C Single-core or cable on a woode	
D1 Multi-core cable in ducts in ground	111111111111111111111111111111111111111	D2 Multi-core cab buried directly in t		be 📗 I	E Multi-core cabl	e in free air

CURRENT CAPACITY TABLE PR THREE PHASE SINGLE CORE



CURRENT CAPACITY TABLE PR THREE PHASE MULTICORE NL

Conduc	tor cross-section [mm²]	Cu	Cu	© Cu	© Cu	© Cu	© Cu
	4	30	35	36	40	39	42
A2 M therm	lulti-core cable in conduit in a nally insulated wall	8.60	B2 Multi-core cab wooden wall	le in conduit on	1111	D1 Multi-core ca the ground	able in ducts in
	ngle-core or multi-core cable wooden wall		D2 Multi-core cab buried directly in t		be	E Multi-core cab	le in free air



SELLING AND DELIVERY INFORMATION

Marking

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