

YMvK Dca-s2 0.6/1 kV Easy Strippable 5G6 MM2



Dca

Nexans Ref.: 10559863 EAN 13: 5413404321452

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



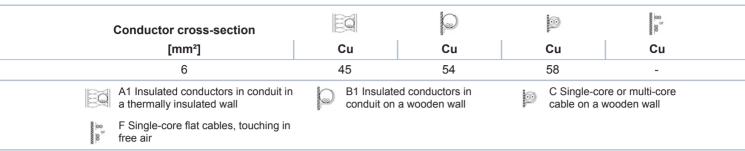
CHARACTERISTICS

Cor	nstruction characteristics	
V	Nith Green/Yellow core	Yes
C	Core identification	Blue, brown, black, grey, green / yellow
S	Sheath colour	Grey
C	Conductor shape	Round solid
C	Conductor material	Bare copper
lr	nsulation	XLPE (chemical)
F	Protection	Filler
C	Outer sheath	PVC
C	Conductor flexibility	Solid class 1
L	Lead free	Yes
Dim	nensional characteristics	
N	Number of cores	5
C	Conductor cross-section	6 mm²
Д	Approximate weight	503 kg/km
N	Nominal outer diameter	15.8 mm
Д	Average insulation thickness	0.7 mm
N	Nominal outer sheath thickness	1.8 mm
Elec	ctrical characteristics	
L	Loop resistance, max. at 20°C	3.08 Ohm/km
F	Permissible current rating in open air	54 A
F	Rated Voltage Uo/U (Um)	0,6/1 kV
Med	chanical characteristics	
N	Mechanical resistance to impacts	Good
Usa	age characteristics	
F	Field of application	Standard
Е	Bending factor when laying	10 (xD)
C	One single bending at each end minimum	8 (xD)
N	Minimum installation temperature	0°C
C	Operating temperature, range	-20 80 °C
N	Max. conductor temperature in service	90 °C
F	Packaging	Cut to length
L	J.V resistance	EN 50289-4-17 method A, for 720h



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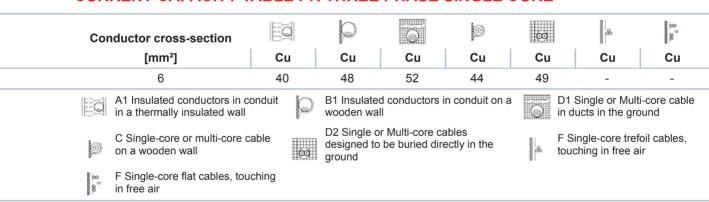
CURRENT CAPACITY TABLE PR SINGLE PHASE SINGLE CORE



CURRENT CAPACITY TABLE PR SINGLE PHASE MULTICORE

Conductor cross-section [mm²]	Cu	Cu	© Cu	C u	© Cu	Cu
6	42	51	53	58	58	53
A2 Multi-core cable in conduit i thermally insulated wall	in a	B2 Multi-core call wooden wall	ole in conduit on	□ • (•))	C Single-core or cable on a woode	
D1 Multi-core cable in ducts in ground	1111111111	D2 Multi-core call 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 [mm²]	Cu	Cu	Cu	© Cu	۩	Cu
6	38	44	52	44	49	54
A2 Multi-core cable in conduit thermally insulated wall	in a	B2 Multi-core ca wooden wall	able in conduit on	1111	D1 Multi-core ca the ground	able in ducts in
C Single-core or multi-core ca on a wooden wall	ble ∞	D2 Multi-core ca buried directly in	ables designed to n the ground	be	E Multi-core cal	ole in free air



SELLING AND DELIVERY INFORMATION

Marking

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