

YMvK Dca-s2 0.6/1 kV Easy Strippable 2x4 MM2



Nexans Ref.: 10559866 EAN 13: 5413404321483

### **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



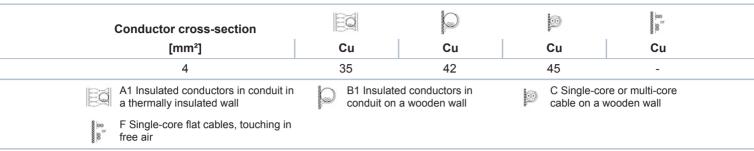
## **CHARACTERISTICS**

No
Blue, brown
Grey
Round solid
Bare copper
XLPE (chemical)
Filler
PVC
Solid class 1
Yes
2
4 mm²
238 kg/km
11.9 mm
0.7 mm
1.8 mm
4.61 Ohm/km
49 A
0,6/1 kV
Good
Standard
10 (xD)
8 (xD)
0 °C
-20 80 °C
90 °C
Cut to length
EN 50289-4-17 method A, for 720h



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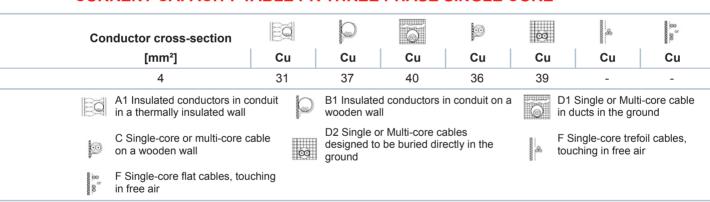
## **CURRENT CAPACITY TABLE PR SINGLE PHASE SINGLE CORE**



# **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	<b>1</b> • ( • ))	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 👳 E	E Multi-core cabl	e in free air

### **CURRENT CAPACITY TABLE PR THREE PHASE SINGLE CORE**



# CURRENT CAPACITY TABLE PR THREE PHASE MULTICORE NL

Co	nductor cross-section [mm²]	Cu	Cu	Cu	© Cu	© Cu	© Cu	
	4	30	35	36	40	39	42	
	A2 Multi-core cable in conduit in a thermally insulated wall	6	B2 Multi-core call wooden wall	ole in conduit on a	1111/201111	D1 Multi-core cable in ducts in the ground		
<b>©</b>	C Single-core or multi-core cable on a wooden wall	<u></u>	D2 Multi-core call buried directly in		oe 📗	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