



Draka

A brand of the

Prysmian Group

Power Cables Low Voltage (600/1000 V)

XLPE Insulated, PVC Sheathed, Single Core Non-armored Cables to BS7889



Cable Certificate

BASEC



Conductor

> Plain annealed copper stranded circular conductor complying with BS EN 60228 Class 2

Insulation

> XLPE insulation

Core Identification

> Blue or brown
Or as required by customer, for example; black, grey

Outer Sheath

> PVC sheath

Sheath Color

> Black or as required by customer

Installation

> All cables should be installed in accordance with the appropriate regulations, including IET, or any other national legislation.
Not be installed when temperature of cables below 0°C



Temperature Range
-15 to +90°C



Bending Radius
Fixed $r=6D$



Mechanical Impact
Medium



Fire Performance
BS EN 60332-1-2



Flexibility
Rigid



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Nominal cross-sectional area of conductor	Thickness of insulation	Thickness of sheath	Approx. overall diameter	Approx. weight
mm ²	mm	mm	mm	kg/km
1.5	0.7	1.4	5.8	48
2.5	0.7	1.4	6.3	61
4	0.7	1.4	6.8	78
6	0.7	1.4	7.3	100
10	0.7	1.4	8.3	145
16	0.7	1.4	9.4	207
25	0.9	1.4	11.1	310
35	0.9	1.4	12.2	408
50	1.0	1.4	12.9	508
70	1.1	1.4	14.8	713
95	1.1	1.5	16.6	968
120	1.2	1.5	18.2	1205
150	1.4	1.6	20.3	1478
185	1.6	1.6	22.4	1824
240	1.7	1.7	25.1	2379
300	1.8	1.8	27.7	2991
400	2.0	1.9	31.5	3832
500	2.2	2.0	35.0	4832
630	2.4	2.2	39.4	6212
800	2.6	2.3	44.3	7947
1000	2.8	2.4	49.7	10231



Certificate of Product Approval

Licensee:
Suzhou Draka Cable Co., Ltd.

No. 88 Kangyuan Road, Xiangcheng Economic Development District, Suzhou, 215131, China

Factory:
No. 88 Kangyuan Road, Xiangcheng Economic Development District, Suzhou, 215131, China

Standard:
BS 7889:2012

Description:
Non-armoured power cables with PVC sheathing

Details:
N/A

Materials:
Insulation GP 8, Sheath Type 9

Brand Name:
N/A

Origin Mark:
PRYSMIAN (S) or DRAKA (S)

Permissible Approval Marks:

BASEC



BASEC name

BASEC roundel

Signed for and on behalf of the British Approvals Service for Cables

Tony Lioveri

Date: 02/03/2021

Date of original issue: 10/07/2018

Check BASEC website to verify validity.

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BASEC, Presley House, Presley Way, Milton Keynes, MK8 0ES,
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Email: mail@basec.org.uk, Web: www.basec.org.uk



Expiry date:
01/06/2024



Certificate No:
225/001/002
Issue No: 3

Type(s) and Range(s) of Approval

Table / Clause	Code Designation	Conductor Class	Range of Cores	Min Nominal Size -sqmm	Max Nominal Size - sqmm
2	N/A	Class 2	1	1.5	1000

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