

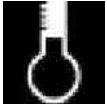
Ordinary Duty PVC Flexible Cords, Circular

BS6500

HO5VV - F

3182Y, 3183Y, 3184Y, 3185Y

CABLE CHARACTERISTICS



TEMPERATURE RANGE
+5 to +60 °C



Bending radius
Fixed $r=4D$
Flexing $r=6D$



Mechanical Impact
Medium



Fire performance
BSEN50265-2-1



FLEXIBILITY
flexible

CABLE DESCRIPTION

KEY APPLICATIONS

Supply leads in domestic premises, kitchens, offices for household appliances, including damp situations, for medium duties including washing machines, spin dryers and refrigerators. Suitable for cooking and heating appliances provided there is no risk of contact with hot parts.

CONDUCTOR

Plain annealed copper flexible stranded circular conductor complying with BS6360 Class 5

INSULATION

PVC insulation complying with BS7655 Type TI2

Core identification:

oo blue-brown

ooo blue-brown-green/yellow

oooo black-blue-brown-green/yellow

SHEATH

PVC sheath complying with BS7655 Type TM2

Colour: Normally white or black but others available on request.



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CABLE CHARACTERISTICS

Nominal cross sectional area mm ²	Conceptual construction no./mm	Approximate conductor diameter mm	Approximate overall diameter mm	Approximate cable weight kg/km	Maximum conductor resistance at 20°C ohms/km	Current rating DC or Single phase AC Amps	Current rating Three phase AC Amps	Volt drop DC or Single phase AC mV/A/m	Volt drop Three phase AC mV/A/m
Two cores									
0.5	16/0.20	0.93	6.3	52	39	3	-	93	-
0.75	24/0.20	1.14	6.8	59	26	6	-	62	-
1	32/0.20	1.32	7.2	67	19.5	10	-	46	-
1.25	40/0.20	1.48	7.8	90	15.6	13	-	37	-
1.5	30/0.25	1.6	8.2	90	13.3	16	-	32	-
2.5	50/0.25	2.05	10	141	7.98	25	-	19	-
4	56/0.30	2.6	11.1	190	4.95	32	-	12	-
Three cores									
0.75	24/0.20	1.14	7.2	69	26	6	-	62	-
1	32/0.20	1.32	7.6	80	19.5	10	-	46	-
1.25	40/0.20	1.48	8.5	95	15.6	13	-	37	-
1.5	30/0.25	1.6	8.9	113	13.3	16	-	32	-
2.5	50/0.25	2.05	10.8	176	7.98	25	-	19	-
4	56/0.30	2.6	12	236	4.95	32	-	12	-
Four cores									
0.75	24/0.20	1.14	7.7	83	26	6	6	62	54
1	32/0.20	1.32	8.5	101	19.5	10	10	46	40
1.5	30/0.25	1.6	10	141	13.3	16	16	32	27
2.5	50/0.25	2.05	11.8	214	7.98	25	20	19	16
4	56/0.30	2.6	13	286	4.95	32	25	12	10
Five cores									
0.75	24/0.20	1.14	8.5	78	26	6	6	62	54
1	32/0.20	1.32	9.2	118	19.5	10	10	46	40
1.5	30/0.25	1.6	11	180	13.3	16	16	32	27
2.5	50/0.25	2.05	12.8	265	7.98	25	20	19	16
4	56/0.30	2.6	14.5	350	4.95	32	25	12	10

Temperature rating factors

Ambient Temperature °C	30	35	40	45	50	55
Rating factor	1.00	0.91	0.82	0.71	0.58	0.41

AENOR

Certificado AENOR ◁ HAR ▷

r1) Certificado nº / Certificate nº	HAR/000739
r2) Fecha del Certificado / Date of the Certificate	2021-02-01
r3) Informe de ensayo nº / Test report nº	CEL-1388/18-1, CEL-1387/18-1
r4) Nombre y dirección del licenciario / Name and address of the licensee	PRYSMIAN CABLES SPAIN, S.A. CARRETERA C-15 KM 2. PI. MASIA D'EN NOTARI 08800 VILANOVA i LA GELTRÚ (Barcelona - España)
r5) Dirección de la factoría / Address of the factory	POLIGONO INDUSTRIAL CAN SUCARRATS, CALLE DEL METALL, 4 08630 ABRERA (Barcelona - España)
r6) Descripción del marcado armonizado / Description of the Harmonization Marking	AENOR ◁ HAR ▷ o hilo negro (3 cm) rojo (1 cm) amarillo (9 cm) or thread black (3 cm) red (1 cm) yellow (9 cm)
r7) Norma Española / Spanish Standard	UNE-EN 50525-2-11:2012
r8) Norma Europea / European Standard	EN 50525-2-11:2011
r9) Tipo de producto / Type of product	N01.02- CABLE FLEXIBLE CON AISLAMIENTO Y CUBIERTA TERMOPLÁSTICOS (PVC), PARA SERVICIOS ORDINARIOS (300/500 V)
r10) Designación / Designation	H05VV-F
r11) Limitación / Restriction	GAMA COMPLETA (De 2x0,75 a 2x4 mm ² ; De 3x0,75 mm ² a 3x4 mm ² ; De 4x0,75 mm ² a 4x4 mm ² ; De 5x0,75 mm ² a 5x4 mm ²)
r12) Indicación de origen / Indication of origin	---
r13) Marca comercial / Trade Mark	PRYSMIAN WIREPOL GAS; FIREX; DRAKA
r14) Certificado Sustituido / Superseded Certificate	---

Este certificado se concede según las reglas del acuerdo HAR. El esquema de certificación cumple los criterios de un esquema tipo 5 indicados en la norma ISO/IEC 17067:2013 (Ensayo de tipo, inspección de fábrica con aseguramiento de la conformidad mediante ensayo de muestreo, seguimiento a la producción y seguimiento de mercado continuos). Los certificados concedidos por cualquier organismo miembro del acuerdo HAR tienen el mismo valor y validez en todos los países de los organismos miembros. El cumplimiento con los requisitos de las normas armonizadas arriba indicadas presupone la conformidad con los requisitos esenciales de seguridad de la directiva 2014/35/EU (Directiva de Baja Tensión).

This certificate is issued according to the rules of the HAR Agreement. The certification Scheme meets the criteria for type 5 Scheme laid down in the ISO/IEC 17067:2013 (Type Testing, Factory Inspection with assurance of conformity by continuous sample testing, production surveillance and market surveillance). The certificate issued by any Certification Body adhering to the HAR Agreement has the same worth and validity in all the other Certification Bodies' countries. Compliance with the requirements of the above listed Harmonised Standards carries a presumption of conformity with the essential safety requirements of Directive 2014/35/EU (Low Voltage Directive).

Fecha de caducidad / Date of expiry 2024-02-08



Rafael GARCÍA MEIRO
Director General / CEO

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

Entidad de certificación de producto acreditada por ENAC con nº 1/C-PR275
Product certification body accredited by ENAC, number 1/C-PR275

Safenet Certification Services Ltd.

204 Roselawn House, National Technology Park, Limerick, V94 6R68, Ireland

Tel: +353 61 633 604

e-mail: office@safenetcs.ie

Website: www.safenetcs.ie



Certificate of Conformity

This is to certify that

Suzhou Draka Cable Co., Ltd.

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

Has had a range of PVC Insulation & Sheath Oil Resistant Control
Cables examined with regard to the Low Voltage Directive 2014/35/EU.

With reference to model **RVVY (H05VV5-F) 12x1.5**

Manufactured by:

Suzhou Draka Cable Co., Ltd.

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

1. The technical documentation supplied contains all the relevant information.
2. Having verified that the appropriate tests have been conducted, with regard to the RVVY (H05VV5-F) 12x1.5 representing the range.
 - 2.1. The example has been manufactured in accordance with the technical documentation and may be used under the intended conditions.
 - 2.2. The standards and transposed standards as the case may be, have been applied correctly.
 - 2.3. The example has conformity with the Principle Elements of Safety Objectives of the Low Voltage Directive, 2014/35/EU.
 - 2.4. The technical file contains all the information required to include the models listed in the attached annex to this certificate.

Certificate Number: 1027270219

Date: 01/03/2019

Signed for Safenet Certification Services Ltd.



Number
2805

Peter McNicol
Technical Manager

This Document remains the property of Safenet Certification Services Ltd and will be returned to them if so requested. The client is required to request a review to ensure continued compliance of the machinery on a 5 yearly basis to check for changes in the state of the art and validity of the certificate.

Safenet Certification Services Ltd.

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e-mail: office@safenetcs.ie

Website: www.safenetcs.ie



Certificate of Conformity

Annex Certificate 1027270219

Models included:

RVVY (H05VV5-F) 2x0.5, RVVY (H05VV5-F) 2x0.75, RVVY (H05VV5-F) 2x1, RVVY (H05VV5-F) 2x1.5, RVVY (H05VV5-F) 2x2.5, RVVY (H05VV5-F) 3x0.5, RVVY (H05VV5-F) 3x0.75, RVVY (H05VV5-F) 3x1, RVVY (H05VV5-F) 3x1.5, RVVY (H05VV5-F) 3x2.5, RVVY (H05VV5-F) 4x0.5, RVVY (H05VV5-F) 4x0.75, RVVY (H05VV5-F) 4x1, RVVY (H05VV5-F) 4x1.5, RVVY (H05VV5-F) 4x2.5, RVVY (H05VV5-F) 5x0.5, RVVY (H05VV5-F) 5x0.75, RVVY (H05VV5-F) 5x1, RVVY (H05VV5-F) 5x1.5, RVVY (H05VV5-F) 5x2.5, RVVY (H05VV5-F) 6x0.5, RVVY (H05VV5-F) 6x0.75, RVVY (H05VV5-F) 6x1, RVVY (H05VV5-F) 6x1.5, RVVY (H05VV5-F) 6x2.5, RVVY (H05VV5-F) 7x0.5, RVVY (H05VV5-F) 7x0.75, RVVY (H05VV5-F) 7x1, RVVY (H05VV5-F) 7x1.5, RVVY (H05VV5-F) 7x2.5, RVVY (H05VV5-F) 12x0.5, RVVY (H05VV5-F) 12x0.75, RVVY (H05VV5-F) 12x1, RVVY (H05VV5-F) 12x1.5, RVVY (H05VV5-F) 12x2.5, RVVY (H05VV5-F) 18x0.5, RVVY (H05VV5-F) 18x0.75, RVVY (H05VV5-F) 18x1, RVVY (H05VV5-F) 18x1.5, RVVY (H05VV5-F) 18x2.5, RVVY (H05VV5-F) 27x0.5, RVVY (H05VV5-F) 27x0.75, RVVY (H05VV5-F) 27x1, RVVY (H05VV5-F) 27x1.5, RVVY (H05VV5-F) 27x2.5, RVVY (H05VV5-F) 36x0.5, RVVY (H05VV5-F) 36x0.75, RVVY (H05VV5-F) 36x1, RVVY (H05VV5-F) 36x1.5 and RVVY (H05VV5-F) 36x2.5.

Signed for Safenet Certification Services Ltd.



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