pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. S; H05VV-F 3 x 1.5 mm²; 1 m; 1,50 mm2; brown

www.wago.com/771-9973_106-105

Item description

- Protected against mismating and maintenance-free

Note:

Cables with different fire load are available in the eShop

Note on mismating protection:

All WINSTA® components are 100% protected against mismating in terms of:
a.) plugging different number of poles
b.) plugging when turned by 180°

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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c.) plugging when laterally staggered
d.) plugging one pole
Safety information 1:
Application note for the U.S. market (USR): Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office.

Data

Electrical data

Note on Contact Resistance	approx. 1mΩ contact resistance approx. 0.25mΩ contact transition plug/socket

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	16 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	23 A

Connection data

Strip length	11 mm / 0.43 inch
No. of poles	3
Total number of potentials	3
Conductor preparation	tip-bonded
Cable diameter	7.4 … 9.4 mm
Cross section of single conductor	1.5 mm²
Connection type	Socket - Free end

Geometrical Data

Pin spacing	10 mm / 0.394 inch
Total length	1 m

Mechanical data

Coding	S
Mating force of a plug-in connection	approx. 20 … 70 N (depending on pole number)

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Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	when unlocked: approx. 20 … 70 N (depending on pole number)
Number of mating cycles	200, without resistive load 100, with resistive load I_N = 25 A, tested (4 mm²/12 AWG)
Connection type	Socket - free end
Type of cable assembly	Connecting cable
Type of cable	H05VV-F 3x1.5
Marking	1 2 L
Protection class	IP20
Note on protection class	Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)
Potential marking	1 2 L

Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	no

Material Data

Color	brown
Insulating material	Polyamide 66 (PA 66)
Reaction to fire class per EN 50575	E_{ca}
Contact material	Copper or copper alloy, surface-treated
Fire load	2.149 MJ
Connector color	brown
Printing color of mating face	white
Strain relief color	black
Printing color of strain relief	white
Color of sheathed cable	black
Printing color of sheathed cable	white
Sheath material	PVC
Weight	108 g

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Environmental Requirements

Processing temperature	-5 … +40 °C
Continuous operating temperature	-35 … +85 °C
Note on Continuous Service Temperature	PVC cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Commercial data

Packaging type	not packed
GTIN	4050821311065

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61535	NTR NL-7355
	KEMA/KEUR DEKRA Certification B.V.	EN 61535	2179129.01

Counterpart

Item no.770-1373
Plug; 3-pole; Cod. S; 4,00 mm²; brown

www.wago.com/770-1373

Compatible products

Locking lever

Item no.: 770-101
Locking lever; for flying leads; for manual operation; black

www.wago.com/770-101

Item no.: 770-111
Locking lever; for flying leads; for tool operation; black

www.wago.com/770-111

Item no.: 770-121

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	Locking lever; for flying leads; for manual operation; white	www.wago.com/770-121
	Item no.: 770-131 Locking lever; for flying leads; for tool operation; white	www.wago.com/770-131
protection		
	Item no.: 770-201 Lockout cap; 12-pole, separable; 12-pole; for sockets; black	www.wago.com/770-201
	Item no.: 770-221 Lockout cap; for socket; 12-pole; separable; white	www.wago.com/770-221
Marking accessories		
	Item no.: 210-334 Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white	www.wago.com/210-334
	Item no.: 770-450 Marker card; Plastic; white	www.wago.com/770-450
	Item no.: 770-450/000-001 Marker card; Plastic; white	www.wago.com/770-450 /000-001
	Item no.: 770-450/000-002 Marker card; Plastic; white	www.wago.com/770-450 /000-002
	Item no.: 770-450/000-005 Marker card; Plastic; white	www.wago.com/770-450 /000-005
	Item no.: 770-450/000-006 Marker card; Plastic; white	www.wago.com/770-450 /000-006
	Item no.: 770-450/000-012 Marker card; Plastic; white	www.wago.com/770-450 /000-012

Installation Notes

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