



**Item description**

- Protected against mismatching and maintenance-free
- Additional variable coding is possible

**Note:**

Cables with different fire load are available in the eShop

**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
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**IEC Approvals**

Rated voltage (III / 3)	400 V
Rated surge voltage (III/3)	6 kV

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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

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Rated current	20 A
Legend (ratings)	(III / 3) $\Delta$ Overvoltage category III / Pollution degree 3

### Ratings per UL

Rated voltage UL 1977	600 V
Rated current UL 1977	23 A

### Connection data

Strip length	9 mm / 0.35 inch
Pole No.	5
Total number of potentials	5
Ground function	with preceding ground contact
Conductor preparation	tip-bonded
Sheathed cable diameter	11.2 ... 13.9 mm
Wire cross-section	2.5 mm <sup>2</sup>
Connection type	Socket - Free end

### Physical data

Pin spacing	10 mm / 0.394 inch
Total length	0.8 m

### Mechanical data

Coding	A
Marking	N L1 L2 L3
Potential marking	N L1 L2 L3
Mating force of a plug-in connection	approx. 20 ... 70 N (depending on pole number)
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 mm <sup>2</sup> /12 AWG)
Connection type	Socket - Free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 5G2.5
Protection type	IP20

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## Note on protection type

Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)

## Plug-in connection

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

## Material data

Color	white
Insulation material	Polyamide 66 (PA 66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy, surface-treated
Fire load	3.42 MJ
Connector color	black
Printing color of mating face	white
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	black
Printing color of sheathed cable	white
Sheath material	PVC
Weight	212.2 g

## Environmental requirements

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

## Commercial data

Packaging type	not packed
Country of origin	PL
GTIN	4044918590136
Customs tariff number	85444290900

## Approvals / Certificates

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## Country specific Approvals

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

## Required accessories

## Locking lever

	<b>Item no.: 770-101</b> Locking lever; for flying leads; for manual operation; black	<a href="http://www.wago.com/770-101">www.wago.com/770-101</a>
	<b>Item no.: 770-111</b> Locking lever; for flying leads; for tool operation; black	<a href="http://www.wago.com/770-111">www.wago.com/770-111</a>
	<b>Item no.: 770-121</b> Locking lever; for flying leads; for manual operation; white	<a href="http://www.wago.com/770-121">www.wago.com/770-121</a>
	<b>Item no.: 770-131</b> Locking lever; for flying leads; for tool operation; white	<a href="http://www.wago.com/770-131">www.wago.com/770-131</a>

## Installation Notes

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