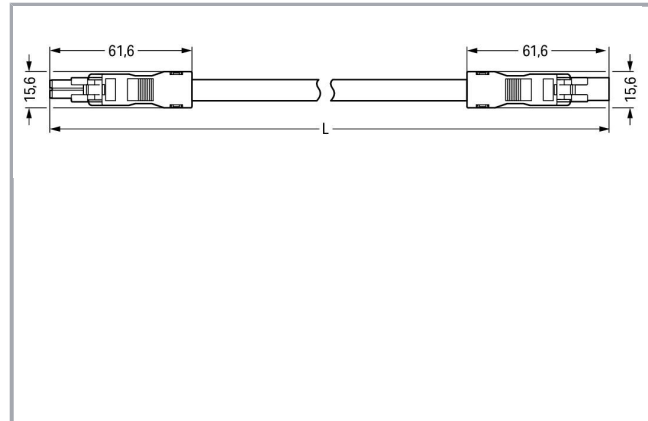
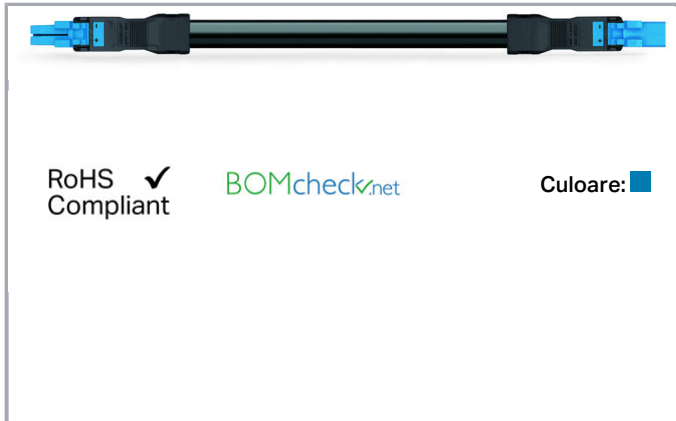


## Fișă tehnică | Număr articol: 891-8982/006-101

pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. I;  
H05VV-F 2 x 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; blue

[www.wago.com/891-8982/006-101](http://www.wago.com/891-8982/006-101)



### Descriere articol

- Protected against mismatching and maintenance-free
- Compact design with 4.4 mm pole spacing

### Note:

Cables with a different fire class can be found in the eShop.

### Note on mismatching protection:

All WINSTA<sup>®</sup> components are 100% protected against mismatching when:

- plugging different numbers of poles
- plugging while rotated 180
- plugging while laterally staggered
- 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 5 A and voltages up to 600 V. For further information, please contact your local sales office.

### Date

### Electrical data

Note on Contact Resistance

approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket

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building 1, 2nd floor | 077190 Voluntari, Ilfov  
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### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge 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 UL 1977	600 V
Rated current UL 1977	14 A

### Connection data

Pole No.	2
Total number of potentials	2
Conductor preparation	tip-bonded
Sheathed cable diameter	6,8 ... 8,6 mm
Wire cross-section	1,5 mm <sup>2</sup>
Connection type	Socket - Plug

### Geometrical Data

Pin spacing	4,4 mm / 0.173 inch
Total length	1 m

### Mechanical data

Technologie	DALI
Coding	I
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 $I_N = 16$ A, tested (1.5mm <sup>2</sup> /AWG 16)
Connection type	Socket - Plug
Type of pre-assembled cable	Interconnecting cable

Supus modificărilor.



Cable type	H05VV-F 2x1.5
Marking	+ -
Protection type	IP20
Note on protection type	IP40 when mated
Potential marking	+ -
Application	Lighting management

### Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	retrofitable

### Material Data

Color	blue
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	1,814 MJ
Connector color	blue
Printing color of mating face	black
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	black
Printing color of sheathed cable	white
Sheath material	PVC
Weight	93,2 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

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GTIN	4055143351119
Customs tariff number	85444290900

## Aprobări / certificate

### Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 61535	2179129.02

## Counterpart

	<b>Nr. articol</b> 890-1102 Socket; 2-pole; Cod. I; 1,50 mm <sup>2</sup> ; blue	<a href="http://www.wago.com/890-1102">www.wago.com/890-1102</a>
	<b>Nr. articol</b> 890-1112 Plug; 2-pole; 1,50 mm <sup>2</sup> ; blue	<a href="http://www.wago.com/890-1112">www.wago.com/890-1112</a>
	<b>Nr. articol</b> 890-1617 T-distribution connector; 2-pole; Cod. I; 1 input; 2 outputs; 2 locking levers; blue	<a href="http://www.wago.com/890-1617">www.wago.com/890-1617</a>
	<b>Nr. articol</b> 890-1904 3-way distribution connector; 2-pole; Cod. I; 1 input; 3 outputs; blue	<a href="http://www.wago.com/890-1904">www.wago.com/890-1904</a>
	<b>Nr. articol</b> 890-1620 T-distribution connector; 2-pole; Cod. I; 1 input; 2 outputs; 3 locking levers; for flying leads; blue	<a href="http://www.wago.com/890-1620">www.wago.com/890-1620</a>
	<b>Nr. articol</b> 890-1907 5-way distribution connector; 2-pole; Cod. I; 1 input; 5 outputs; blue	<a href="http://www.wago.com/890-1907">www.wago.com/890-1907</a>
	<b>Nr. articol</b> 890-2112 Snap-in plug; 2-pole; Cod. I; 1,50 mm <sup>2</sup> ; blue	<a href="http://www.wago.com/890-2112">www.wago.com/890-2112</a>

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Nr. articol890-3102

Socket for PCBs; straight; 2-pole; Cod. I

[www.wago.com/890-3102](http://www.wago.com/890-3102)



Nr. articol890-2102

Snap-in socket; 2-pole; Cod. I; 1,50 mm<sup>2</sup>; blue

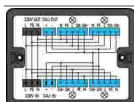
[www.wago.com/890-2102](http://www.wago.com/890-2102)



Nr. articol890-3102/011-000

Socket for PCBs; angled; 2-pole; Cod. I

[www.wago.com/890-3102/011-000](http://www.wago.com/890-3102/011-000)



Nr. articol899-631/181-000

Distribution box; 230 V + DALI; 2 inputs; 6 outputs; Cod. A, I; MINI, MIDI; black

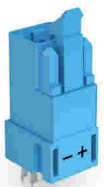
[www.wago.com/899-631/181-000](http://www.wago.com/899-631/181-000)



Nr. articol890-3112/011-000

Plug for PCBs; angled; 2-pole; Cod. I

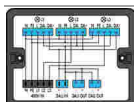
[www.wago.com/890-3112/011-000](http://www.wago.com/890-3112/011-000)



Nr. articol890-3112

Plug for PCBs; straight; 2-pole; Cod. I

[www.wago.com/890-3112](http://www.wago.com/890-3112)



Nr. articol899-631/455-000

Distribution box; 400 V + DALI; 2 inputs; 5 outputs; Cod. A, I; MINI, MIDI; black

[www.wago.com/899-631/455-000](http://www.wago.com/899-631/455-000)

## Descărcări CAD/CAE-Data

### CAE data

WSCAD Universe 891-8982/006-101

URL

Descărcare

## Installation Notes

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## Familie de produse

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