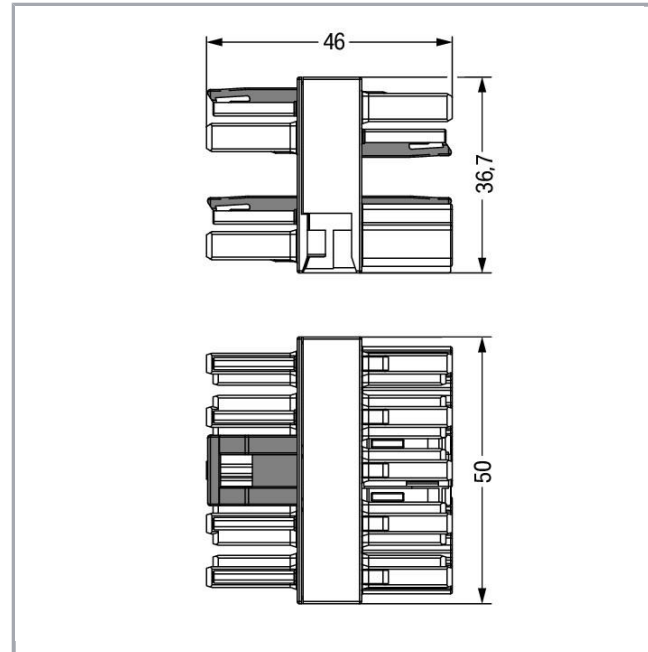
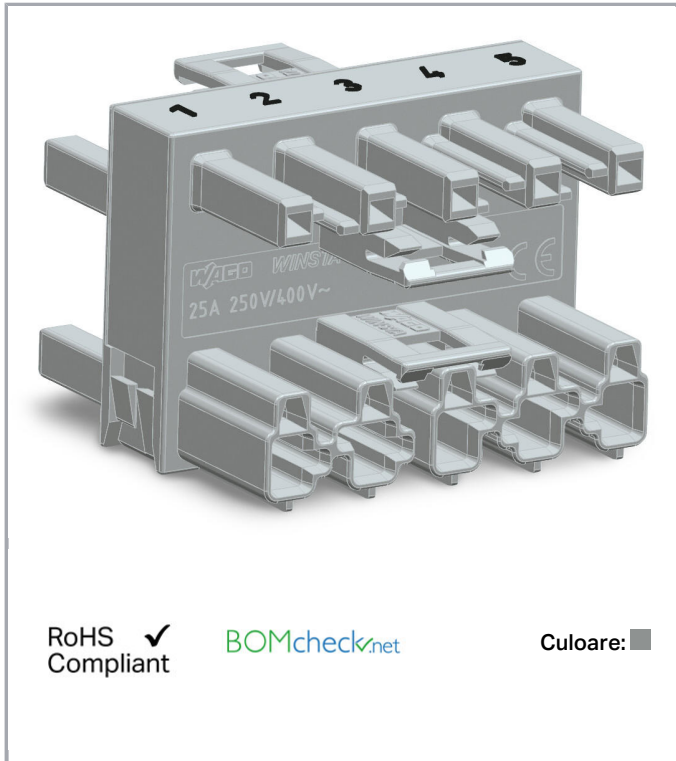


## Fișă tehnică | Număr articol: 770-1744

3-way distribution connector; 5-pole; Cod. B; 1 input; 3 outputs; gray

[www.wago.com/770-1744](http://www.wago.com/770-1744)



### Descriere articol

- Protected against mismatching and maintenance-free
- Additional variable coding is possible
- Components can be clearly printed on and color-coded to meet custom requirements

#### Note:

All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug /socket).

#### Note on mismatching protection:

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

- a.) plugging different numbers of poles
- b.) plugging while rotated 180
- c.) plugging while laterally staggered
- d.) plugging one pole

#### Safety information 1:

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG  
/Representative Office Romania  
Sos. Pipera-Tunari nr. 1/1  
building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?

Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



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.

## 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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### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	400 V
Rated surge voltage (III/3)	6 kV
Rated current	25 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	23 A

### Connection data

Pole No.	5
Total number of potentials	5

### Geometrical Data

Pin spacing	10 mm / 0.394 inch
Width	50 mm / 1.968 inch
Height	36,7 mm / 1.445 inch
Depth	46 mm / 1.811 inch

### Mechanical data

Coding	B
Mating force of a plug-in connection	approx. 20 ... 70 N (depending on pole number)
Retention force of a plug-in connection	When locked: > 80 N
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> /AWG 12)

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Distributor type	Distribution connector, 3-way,
Marking	1 2 3 4 5
Protection type	IP20
Note on protection type	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).
Potential marking	1 2 3 4 5

### Plug connection

Contact type (pluggable connector)	Socket/plug
Mismatching protection	Yes
Locking of plug-in connection	locking lever
Locking lever	yes

### Material Data

Color	gray
Insulation material	Polyamide 66 (PA 66)
Contact material	Copper or copper alloy (surface-treated)
Fire load	0,736 MJ
Weight	44,3 g

### Environmental Requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Insulating parts for temperatures ≤ 105 °C

### Commercial data

Product Group	20 (WINSTA)
Packaging type	BOX
Country of origin	DE
GTIN	4050821687689
Customs tariff number	85366990990

### Aprobări / certificate






#### UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	cURus	UL 1977	E45171

Supus modificărilor.



## Counterpart

	<b>Nr. articol</b> 770-245 Socket; 5-pole; Cod. B; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/770-245">www.wago.com/770-245</a>
	<b>Nr. articol</b> 770-255 Plug; 5-pole; Cod. B; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/770-255">www.wago.com/770-255</a>
	<b>Nr. articol</b> 771-9995/005-103 pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; 1 m; 1,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/771-9995/005-103">www.wago.com/771-9995/005-103</a>
	<b>Nr. articol</b> 771-9995/105-103 pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B; 1 m; 1,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/771-9995/105-103">www.wago.com/771-9995/105-103</a>
	<b>Nr. articol</b> 771-9995/205-103 pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. B; 1 m; 1,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/771-9995/205-103">www.wago.com/771-9995/205-103</a>

## Descărcări

### CAD/CAE-Data

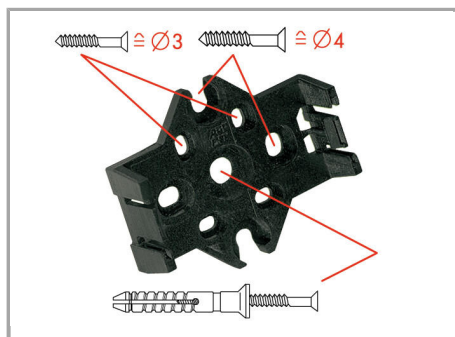
#### CAE data

WSCAD Universe 770-1744	URL	Descărcare

## Installation Notes

### Installation

Supus modificărilor.



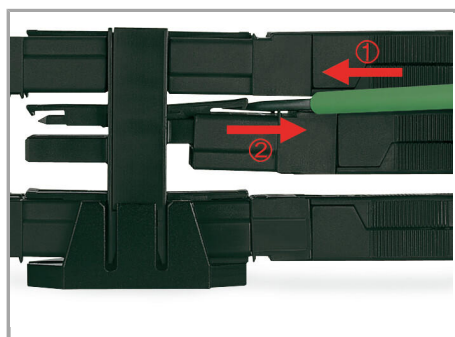
The mounting plate for distribution connectors can be mounted using commercially available screws or nail-drive anchors.



The distribution connectors are latched when mounted on the mounting plate.



To release the distribution connector, unlock the latch using a screwdriver.



All distributor connections are locked and protected against accidental disconnection directly after mating. Locking of any connection is released using a screwdriver, even if all connections are in use.

## Familie de produse

**<i>WINSTA</i>® MIDI special**

Afișare globală produse din familie.

Supus modificărilor.