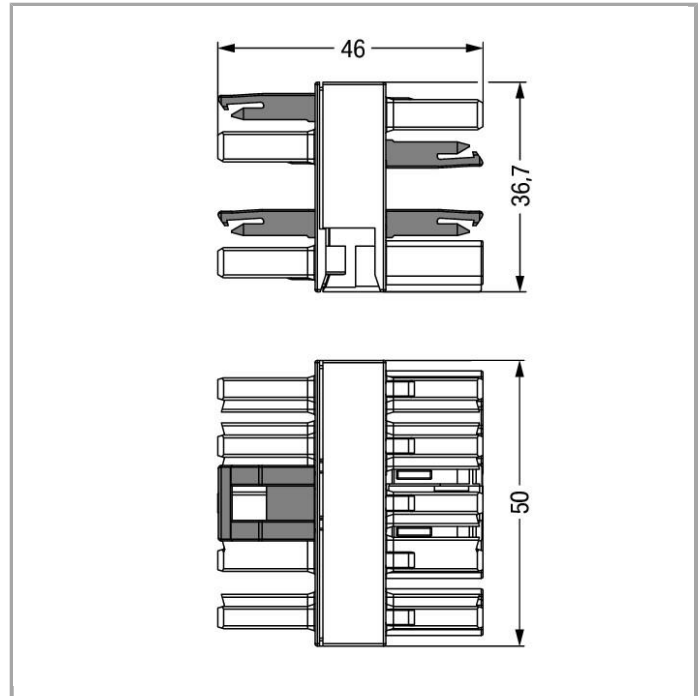
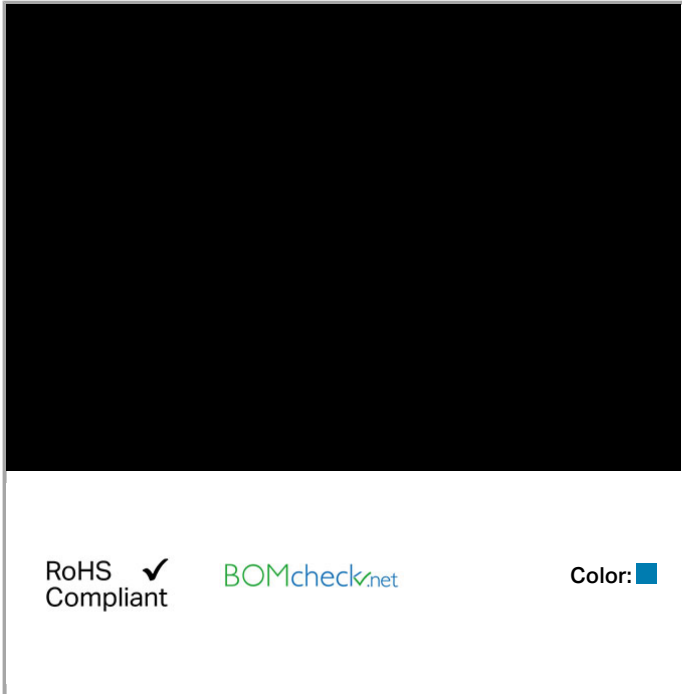


## Data sheet | Item number: 770-618

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

[www.wago.com/770-618](http://www.wago.com/770-618)



### Item description

#### 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).

### Data

#### Electrical data

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

Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 kV
Rated current	25 A
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

#### Connection data

No. of poles	5
Total number of potentials	5



Ground function

with preceding GND contact

## Geometrical Data

Pin spacing	10 mm (0.394 inch)
Width	50 mm / 1.969 inch
Height	36.7 mm / 1.445 inch
Depth	46 mm / 1.811 inch

## Mechanical data

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)
Type of distribution connector	Distribution connector, 3-way
Marking	N L DA- DA+
Degree of protection	IP20
Potential marking	N L DA- DA+

## Plug connection

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

## Material Data

Color	blue
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.683 MJ
Weight	42.51 g

## Environmental Requirements

Surrounding air (operating) temperature	-35 ... 85 °C
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## Commercial data

Country of origin	DE
GTIN	4050821394778
Customs Tariff No.	85366990990

Product Group

20 (WINSTA)


### Approvals / Certificates

#### UL-Approvals


Logo	Approval	Certificate name
	cURus Underwriters Laboratories Inc.	E45171 Sec. 9

### Compatible products

#### protection

	Item no.: 770-201 Lockout cap; for socket; 12-pole; separable	<a href="http://www.wago.com/770-201">www.wago.com/770-201</a>
	Item no.: 770-221 Lockout cap; for socket; 12-pole; separable	<a href="http://www.wago.com/770-221">www.wago.com/770-221</a>
	Item no.: 770-360 Lockout cap; for plugs; 5-pole; separable	<a href="http://www.wago.com/770-360">www.wago.com/770-360</a>

#### assembling

	Item no.: 770-625 Mounting plate; for distribution connector	<a href="http://www.wago.com/770-625">www.wago.com/770-625</a>
	Item no.: 770-675 Mounting plate; for distribution connector	<a href="http://www.wago.com/770-675">www.wago.com/770-675</a>

### Downloads

#### Documentation

##### Bid Text

770-618	Jan 21, 2016	DOC 23.6 kB	Download
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### smartDATA

#### CAD data

3D Download 770-618	URL	Download
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Subject to changes.

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