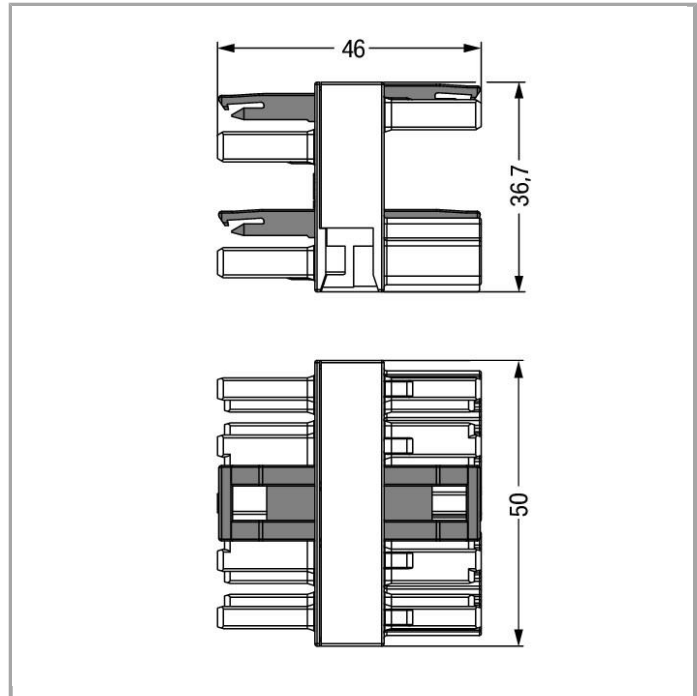
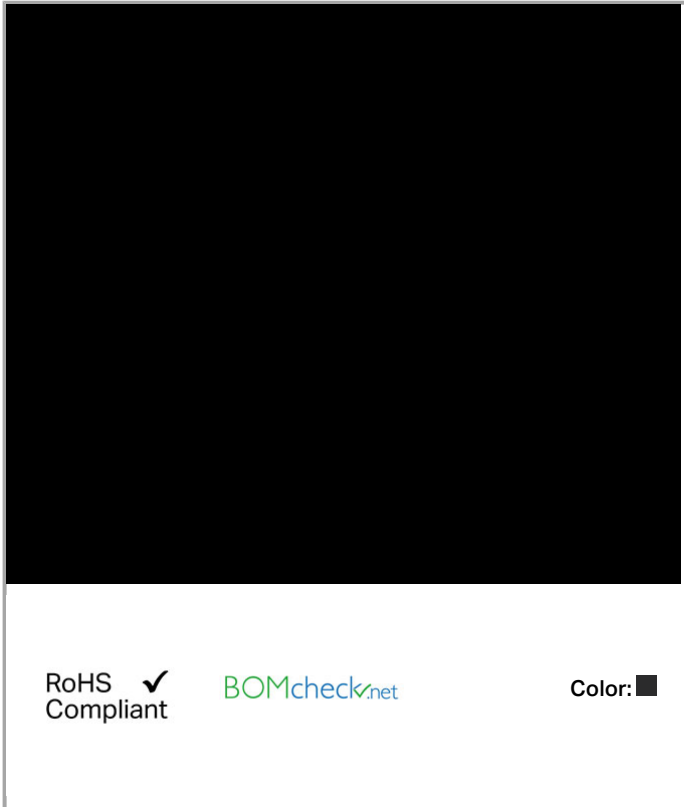


## Data sheet | Item number: 770-609

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

[www.wago.com/770-609](http://www.wago.com/770-609)



### 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) ≙ 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	A
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 L1 L2 L3
Degree of protection	IP20
Potential marking	N L1 L2 L3

## Plug connection

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

## Material Data

Color	black
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.665 MJ
Weight	42.372 g

## Environmental Requirements


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



Country of origin	DE
GTIN	4045454251383
Customs Tariff No.	85366990990

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	2173495.02
	CCA DEKRA Certification B.V.	NL-32105

### Ship Approvals

Logo	Approval	Certificate name
	ABS American Bureau of Shipping	14-HG1241528-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	TAE00001Z6
	LR Lloyds Register	02/20050 (E6)

### 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

[www.wago.com/770-360](http://www.wago.com/770-360)

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assembling



Item no.: 770-625  
Mounting plate; for distribution connector

[www.wago.com/770-625](http://www.wago.com/770-625)



Item no.: 770-675  
Mounting plate; for distribution connector

[www.wago.com/770-675](http://www.wago.com/770-675)

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Downloads

Documentation

Bid Text

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smartDATA

CAD data

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Subject to changes.