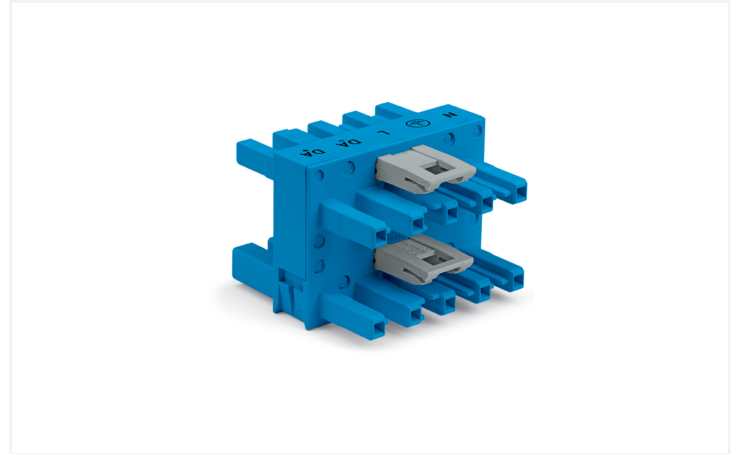
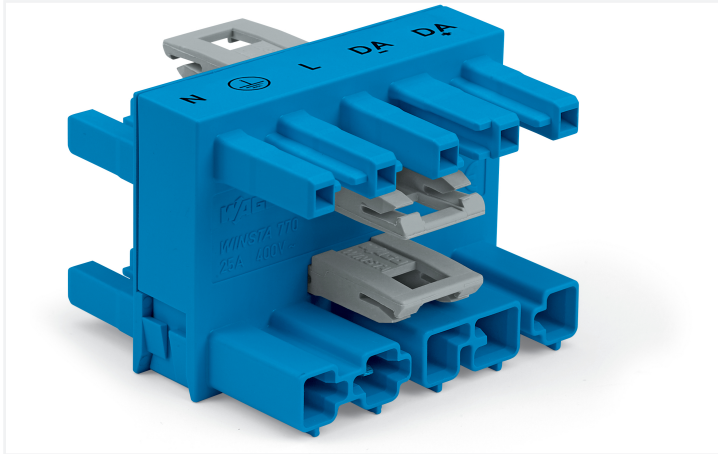


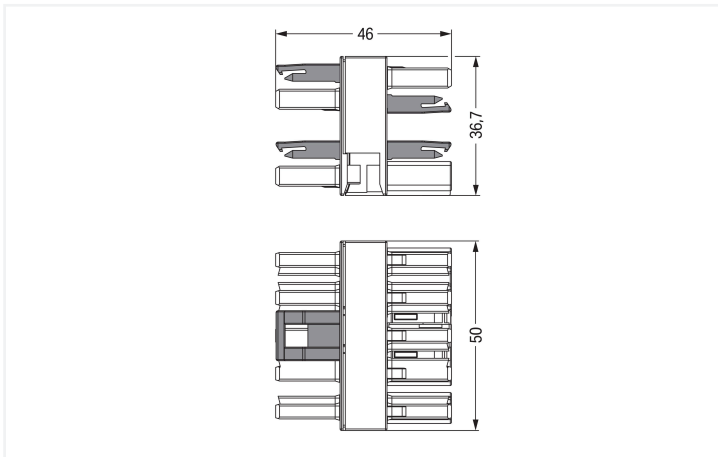
Data Sheet | Item Number: 770-618

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

<https://www.wago.com/770-618>



Color: ■ blue



Dimensions in mm

Distribution connector *WINSTA®* MIDI I coding

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA®* MIDI distribution connector with locking latch. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to an enormous variety of requirements in no time flat. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. The pluggable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). That results in the fact that users' fingers will never come into contact with energised elements. I coding in blue is used to label *WINSTA®* MIDI pluggable installation connectors, which are used above all in building automation for activating lighting. This pluggable installation connector is designed for a voltage load of up to 25 A. As a result, it can also be used for high power loads. *WINSTA®* MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in a broad range of individual products you can use for quick, easy, secure, tailored electrical installation.

Lower costs through fast commissioning and elimination of service expenses – solutions from *WINSTA®* MIDI

The *WINSTA®* Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection type IP20 from WAGO.

- effective protection against mismatching
- for automation controllers
- with I coding for use in the automation of buildings (lighting control)
- flexible installation to save space
- convenient installation and commissioning



Notes	
General safety information	1. Only to be used by a qualified electrician or by a person electrically instructed for the task (EIP per DIN VDE 0105-100). 2. Do not install while energized or under load. 3. Use only for its intended purpose. 4. Observe applicable national regulations, standards and directives. 5. Observe the technical specifications of the products. 6. Ensure correct polarity assignment. 7. Do not use damaged or contaminated components. 8. Observe conductor types, conductor cross-sections, strip lengths and cable diameters. 9. Insert conductors up to the stop. 10. Use only with locking lever and strain relief. 11. Use original accessories only. To be sold only with installation instructions!

Electrical data				
Ratings per		IEC/EN 60664-1		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		400 V	-	-
Rated impulse withstand voltage		6 kV	-	-
Rated current		25 A	-	-

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

General information	
Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket

Connection Data		
Total number of potentials	5	
PE function	Preceding PE contact	

Connection 1	
Pole number	5
Coding	I

Physical data	
Pin spacing	10 mm / 0.394 inches
Width	50 mm / 1.969 inches
Height	36.7 mm / 1.445 inches
Depth	46 mm / 1.811 inches

Mechanical data	
Use	DALI, Lighting Management
Variable coding	No
Marking	N ⊕ L DA- DA+
Potential marking	N ⊕ L DA- DA+
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	Unlocked: approx. 20 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load
Type of distribution box	Distribution connector, 3-way
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

Plug-in connection

Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> ® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole
Locking lever	Yes
Locking of plug-in connection	Locking lever
Note on locking system	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).
Number of locking levers	4

Material data

Note (material data)	Information on material specifications can be found here
Color	blue
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.625 MJ
Weight	42.5 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)
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821394778
Customs tariff number	85366990990

Product Classification

UNSPSC	39121406
eCl@ss 10.0	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 9.0	EC002567
ETIM 10.0	EC002567
ECCN	NO US CLASSIFICATION



Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 770-618	↓

Documentation			
Bid Text			
770-618	19.02.2019	xml 2.72 KB	↓
770-618	12.03.2015	doc 23.00 KB	↓
ausschreiben.de 770-618			↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 770-618	WSCAD Universe 770-618
↓	↓
	ZUKEN Portal 770-618
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