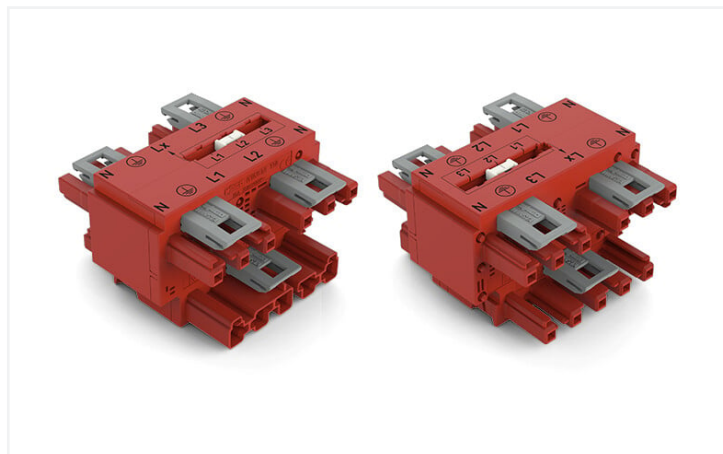


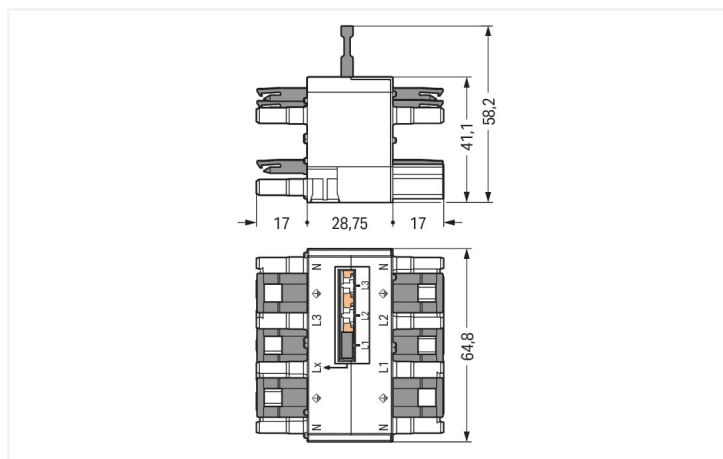
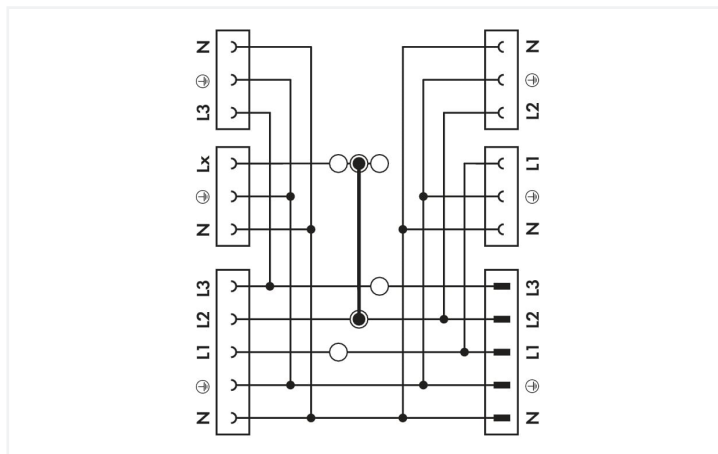
Data Sheet | Item Number: 770-940

Three-phase to single-phase distribution connector; with phase selection; 5-pole/3-pole; Cod. P; 1 input; 5 outputs; red

<https://www.wago.com/770-940>



Color: ■ red



Dimensions in mm

Distribution connector *WINSTA*® MIDI rated current 25 A

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MIDI distribution connector rated current 25 A. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow resource-efficient, error-free installation in a large number of applications. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector offers touch-proof protection with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). *WINSTA*® MIDI pluggable installation connectors with P coding allow proper implementation of an uninterruptible power supply (UPS). This pluggable installation connector is used for electrical currents up to 25 A. Thus the product is ideally suitable for high power loads. The *WINSTA*® MIDI product line achieves total flexibility for the installation of applications. With its Push-in CAGE CLAMP® spring pressure connection technology, it ensures time-saving, error-free installation and offers customization for meeting various installation requirements.

Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

The *WINSTA*® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, even more reliable, and error-free. Using this pre-assembled system reduces assembly times and installation errors at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with marking from WAGO.

- pluggable installation connectors with protection against mismatching
- simple circuits
- for UPS applications
- ready to install and use immediately
- quick replacement of defective units during ongoing operation



Electrical data

Ratings per		IEC/EN 60664-1			Ratings per IEC/EN 2	
Overvoltage category		III	III	II	Rated voltage (III/3) 2	250 V
Pollution degree		3	2	2	Rated surge voltage (III/3) 2	4 kV
Nominal voltage	400 V	-	-	-		
Rated surge voltage	6 kV	-	-	-		
Rated current	25 A	-	-	-		

Approvals per		UL 1977		General information	
Rated voltage		600 V		Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Rated current		23 A			

Connection data

Total number of potentials	5	Connection 1	
		Pole number	5

Physical data

Pin spacing	10 mm / 0.394 inches
Width	64.8 mm / 2.551 inches
Height	58.2 mm / 2.291 inches
Depth	62.75 mm / 2.47 inches

Mechanical data

Application	EDV (UPS)
Coding	P
Variable coding	No
Marking	N L1 L2 L3
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	Three-phase to single-phase distribution connector
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	6



Material data	
Note (material data)	Information on material specifications can be found here
Color	red
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	1.41 MJ
Weight	87 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)
eCl@ss 10.0	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 8.0	EC002567
ETIM 7.0	EC002567
PU (SPU)	10 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454548254
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 770-940	

Documentation			
Bid Text			
770-940	19.02.2019	xml 3.13 KB	
770-940	12.03.2015	doc 23.50 KB	



CAD/CAE-Data

CAE data

EPLAN Data Portal
770-940



WSCAD Universe
770-940



1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



Item No.: 771-9973/206-101
pre-assembled connecting cable; Eca;
Plug/open-ended; 3-pole; Cod. P; H05VV-
F 3G 1.5 mm²; 1 m; 1,50 mm²; red



Item No.: 771-9975/206-101
pre-assembled connecting cable; Eca;
Plug/open-ended; 5-pole; Cod. P; H05VV-
F 5G 1.5 mm²; 1 m; 1,50 mm²; red



Item No.: 771-9975/106-101
pre-assembled connecting cable; Eca;
Socket/open-ended; 5-pole; Cod. P;
H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; red



Item No.: 771-9973/006-101
pre-assembled interconnecting cable;
Eca; Socket/plug; 3-pole; Cod. P; H05VV-F
3G 1.5 mm²; 1 m; 1,50 mm²; red



Item No.: 771-9975/006-101
pre-assembled interconnecting cable;
Eca; Socket/plug; 5-pole; Cod. P; H05VV-F
5G 1.5 mm²; 1 m; 1,50 mm²; red

1.1.2 Female connector/socket



Item No.: 770-1305
Socket; 5-pole; Cod. P; 4,00 mm²; red

1.1.3 Male connector/plug



Item No.: 770-1313
Plug; 3-pole; Cod. P; 4,00 mm²; red



Item No.: 770-1315
Plug; 5-pole; Cod. P; 4,00 mm²; red

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



Item No.: 770-201
Lockout cap; 12-pole, separable; for
sockets; Plastic; black



Item No.: 770-221
Lockout cap; 12-pole, separable; for
sockets; Plastic; white



Item No.: 770-360
Lockout cap; for plugs; 5-pole; separable;
yellow

1.2.2 Installation

1.2.2.1 Mounting accessories

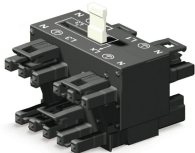


Item No.: 770-625
Mounting plate; 5-pole; for distribution connectors; Plastic; black

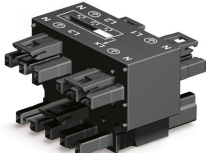


Item No.: 770-675
Mounting plate; 5-pole; for distribution connectors; Plastic; white

Installation Notes



Movable jumper

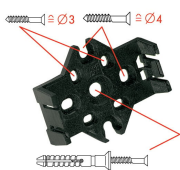


Jumper pushed down, flush with the housing (position L1)



Additional h-distribution connectors double L1 and L3.
This results in the following connection option:
L1/L1/L2/L2/L3/L3 with jumper in position L2
Notice: h-distribution connectors can only be plugged on L1 and L3.

Installation



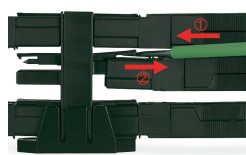
Mounting plates can be secured using commercially available screws or nail-drive anchors.



The distribution connectors snap together when attached to the mounting plate.



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



All distribution connector 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 used.