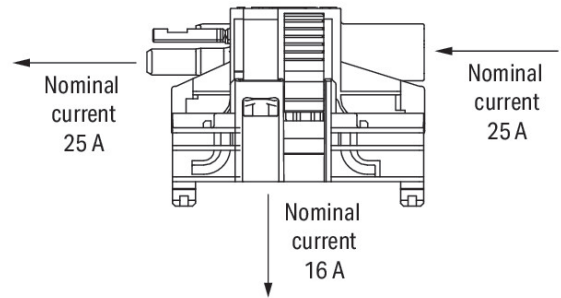
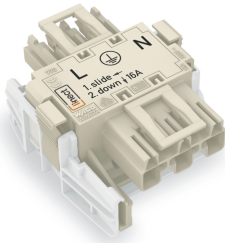


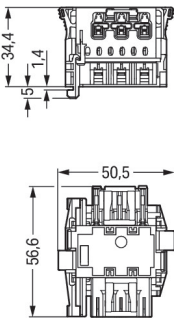
Data Sheet | Item Number: 770-6223

Linect® T-connector; 3-pole; Cod. A; 1 input; 2 outputs; white

<https://www.wago.com/770-6223>



Color: ■ white



Dimensions in mm

Distribution connector WINSTA® MIDI 3-pole

The WINSTA® MIDI distribution connector with protection against mismatching is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. Our pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow resource-efficient, error-free installation in a large number of applications. For greater protection 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!)). This means that users' fingers will never come into contact with energised elements. The manufacturer-independent Linect® interface has developed into a standard for the technical connection of lighting fixtures. It allows quick and easy installation with a pluggable connection system. The WINSTA® MIDI pluggable installation connector with A coding in black or white is usually used for general mains applications in power distribution. The rated current and voltage are important criteria for selecting a pluggable installation connector: They tell us about the product's domains of use. This product has a current rating of 25 A – so it is also suitable for powerful loads. The WINSTA® MIDI product line allows maximum flexibility for the installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees error-free, time-saving installation and offers customization for meeting an enormous variety of installation requirements.

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

The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Use of this pre-assembled system decreases assembly times and errors during installation at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology tool! Plan your installation with with protection type IP20 from WAGO.



- effective protection against mismatching
- for automation controllers
- with A coding for a large number of uses
- custom-engineered solutions
- fast, secure installation

Electrical data			
Ratings per		IEC/EN 60664-1	
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated impulse withstand voltage	4 kV	-	-
Rated current	25 A	-	-

Ratings per IEC/EN 2	
Rated current	16 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	3	
PE function	Preceding PE contact	

Connection 1	
Pole number	3

Physical data	
Pin spacing	10 mm / 0.394 inches
Width	50.5 mm / 1.988 inches
Height	39.4 mm / 1.551 inches
Depth	56.6 mm / 2.228 inches

Mechanical data	
Technology	Linect
Use	General mains applications
Coding	A
Variable coding	Yes
Marking	L ⊕ N
Potential marking	L ⊕ N
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	Linect® T-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	2

Material data

Note (material data)	Information on material specifications can be found here
Color	white
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.63 MJ
Weight	25.3 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)
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821000389
Customs tariff number	85366990990

Product Classification

UNSPSC	39121402
eCl@ss 10.0	27-44-06-02
eCl@ss 9.0	27-44-06-02
ETIM 9.0	EC002566
ETIM 10.0	EC002566
ECCN	NO US CLASSIFICATION



Environmental Product Compliance	
REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant,No Exemption
SCIP notification number (Austria)	5966b72c-1fcb-4651-8dc3-6fbfcb292f60
SCIP notification number (Belgium)	0a350488-666b-4482-8f39-2e7152894647
SCIP notification number (Bulgaria)	ca449f1b-c10a-4791-8f94-a8a5d5311b3a
SCIP notification number (Czech Republic)	52f57e2a-1602-4374-87fe-03a48e60ba43
SCIP notification number (Denmark)	752f46fd-ec18-4bc4-be62-ed181a652af4
SCIP notification number (Finland)	639310bc-033e-4f8a-ad53-d4ba8df32601
SCIP notification number (France)	1adde090-4b2d-45e4-aa65-77b138d766b6
SCIP notification number (Germany)	675e7859-4a71-4c40-86e2-41f7a7161b81
SCIP notification number (Hungary)	00bf2c98-3239-42aa-9bc6-a9699adf6ce9
SCIP notification number (Italy)	4fe27c10-31be-4242-9599-3ac92162d5e8
SCIP notification number (Netherlands)	a476a03e-9b7a-4736-aa51-8b66d7a1f244
SCIP notification number (Poland)	91b54276-745c-4dd2-83eb-64221a78ffb2
SCIP notification number (Romania)	d34a9c6b-42da-4204-ab7b-db471cde4b56
SCIP notification number (Sweden)	78f8235e-df76-4471-9afe-0c3812b3a8b7

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
cURus Underwriters Laboratories Inc.	UL 1059	E 45172
VDE VDE Prüf- und Zertifizie- rungsinstitut	EN 61535	40029808

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 770-6223	

Documentation

Bid Text			
770-6223	19.02.2019	xml 2.86 KB	
770-6223	02.12.2014	doc 23.00 KB	



CAD/CAE-Data	
CAD data 2D/3D Models 770-6223 ↓	CAE data WSCAD Universe 770-6223 ↓

1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly

		
Item No.: 771-9993/206-102 pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; white	Item No.: 771-9993/106-102 pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; white	Item No.: 771-9993/006-102 pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; white

1.1.2 Female connector/socket

		
Item No.: 770-223 Socket; 3-pole; Cod. A; white	Item No.: 770-123 Socket; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; white	Item No.: 770-223/035-050 Socket; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; white

1.1.3 Field-Wiring Terminal Block with Linect®

	
Item No.: 294-8113 Lighting connector; push-button, external; for Linect®; with direct ground contact; 3-pole; Cod. A; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); white	Item No.: 294-8013 Lighting connector; push-button, external; for Linect®; without ground contact; 3-pole; Cod. A; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); white

1.1.4 Male connector/plug

		
Item No.: 770-233 Plug; 3-pole; Cod. A; white	Item No.: 770-133 Plug; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; white	Item No.: 770-233/035-050 Plug; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; white

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



[Item No.: 770-401](#)
Coding pin; for plugs; Plastic; gray

1.2.2 Cover

1.2.2.1 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