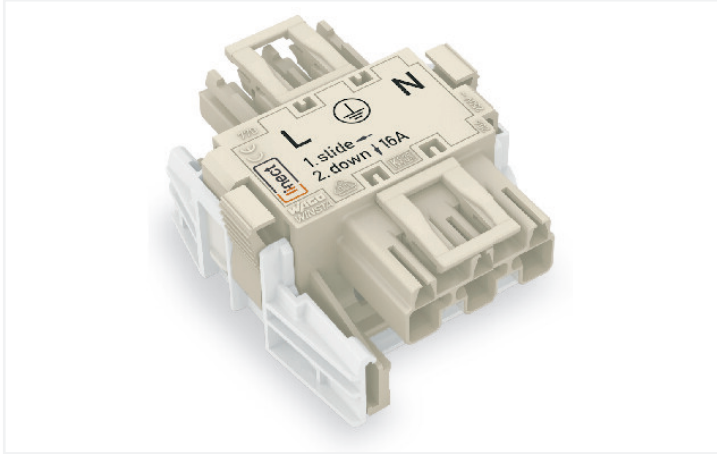


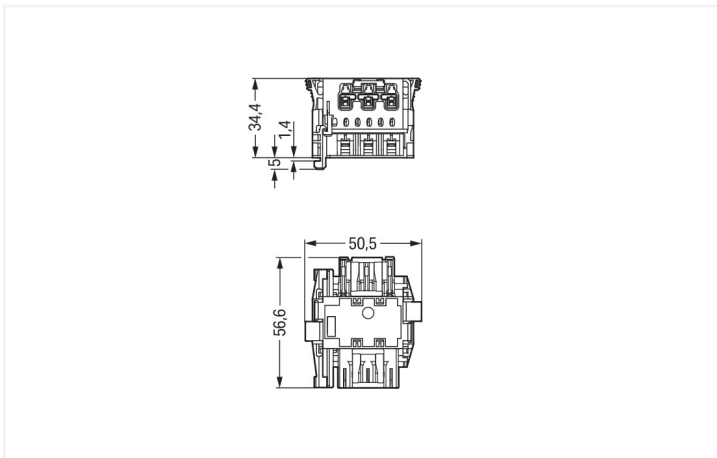
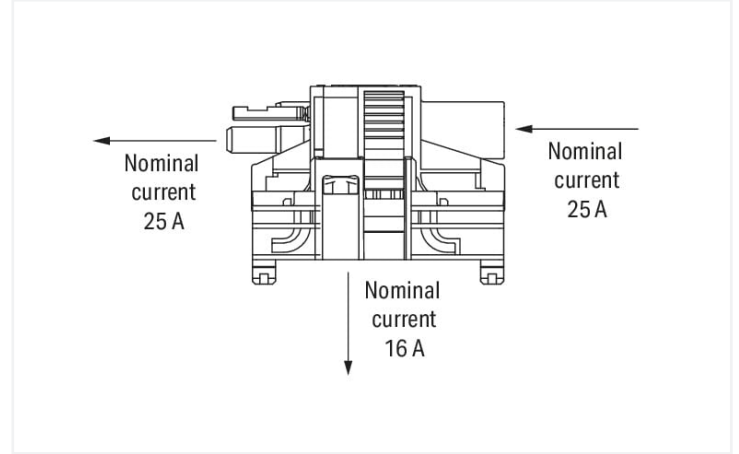
Data Sheet | Item Number: 770-6223

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 A coding

For power and signal transmission: The *WINSTA®* MIDI distribution connector 3-pole. WAGO pluggable installation connectors can be used when requirements repeat or are distributed on a defined pattern, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. 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 contact elements. The Linect® interface guarantees quick and easy installation of lights with various pluggable connection systems. Thanks to the color coding and mechanical A coding of *WINSTA®* MIDI pluggable installation connectors, you can clearly distinguish different circuits. This pluggable installation connector can be employed for a current load of up to 25 A. Thus, it can also be used for high power loads. The *WINSTA®* MIDI product line achieves total flexibility for the electrical installation. Through its Push-in CAGE CLAMP® spring pressure connection technology, it ensures time-saving, error-free installation and offers flexibility and customization for meeting various installation requirements.

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

The *WINSTA®* Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, even more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and errors during installation at the construction site. Choose durability and quality – the *WINSTA®* MIDI pluggable installation connector with protection type IP20 from WAGO makes the installation of electrical components substantially easier.

- protection against mismating eliminates errors
- simple circuits
- with A coding for a great number of uses
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

Electrical data

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

Ratings per IEC/EN 2

Rated current 2	16 A
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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
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Connection data

Total number of potentials	3
PE function	Preceding PE contact

Connection 1

Pole number	3
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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
Application	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 WINSTA® 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).



Material data	
Note (material data)	Information on material specifications can be found here
Color	white
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.599 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)
eCl@ss 10.0	27-44-06-02
eCl@ss 9.0	27-44-06-02
ETIM 8.0	EC002566
ETIM 7.0	EC002566
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821000389
Customs tariff number	85366990990

Environmental Product Compliance	
CAS-No.	131651-65-5 144317-44-2 220133-51-7 220689-12-3 25628-08-4 29420-49-3 375-73-5 503155-89-3 507453-86-3 68259-10-9
REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
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



Environmental Product Compliance

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; 4,00 mm²; 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); 2,50 mm²; 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); 2,50 mm²; white

1.1.4 Male connector/plug



Item No.: 770-233
Plug; 3-pole; Cod. A; 4,00 mm²; 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