

Data sheet | Item number: 770-6223

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

www.wago.com/770-6223



Color:

Subject to changes. Please also observe the further product documentation!

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Item description

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 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 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

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

Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated current	25 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Ratings per IEC/EN 2

Rated current 2	16 A
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Ratings per UL 1977

Note for the US market	Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office.
Rated voltage (UL 1977)	600 V
Rated current UL 1977	23 A

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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

Contact type (pluggable connector)	Socket/plug
Mismating protection	Yes

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Note on mismatching protection

All WINSTA® components are 100% protected against mismatching 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
Recupel Type	
PU (SPU)	25 pcs

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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
SCIP notification number (Sweden)	78f8235e-df76-4471-9afe-0c3812b3a8b7

Other

Technology	Linect
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	E 45172
	VDE VDE Prüf- und Zertifizierungsinstitut	EN 61535	40029808

Counterpart

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 mm ² ; Surrounding air temperature: max 85°C (T85); 2,50 mm ² ; white	www.wago.com/294-8013
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 mm ² ; Surrounding air temperature: max 85°C (T85); 2,50 mm ² ; white	www.wago.com/294-8113
Item no.770-123 Socket; with strain relief housing; 3-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-123
Item no.770-133 Plug; with strain relief housing; 3-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-133
Item no.770-223 Socket; 3-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-223
Item no.770-223/035-050 Socket; with strain relief housing; 3-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-223/035-050
Item no.770-233 Plug; 3-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-233
Item no.771-9993/006-102 pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05VV-F 3G 1.5 mm ² ; 1 m; 1,50 mm ² ; white	www.wago.com/771-9993/006-102
Item no.770-233/035-050 Plug; with strain relief housing; 3-pole; Cod. A; 4,00 mm ² ; white	www.wago.com/770-233/035-050
Item no.771-9993/106-102 pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; H05VV-F 3G 1.5 mm ² ; 1 m; 1,50 mm ² ; white	www.wago.com/771-9993/106-102
Item no.771-9993/206-102 pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A; H05VV-F 3G 1.5 mm ² ; 1 m; 1,50 mm ² ; white	www.wago.com/771-9993/206-102

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Optional accessories

Coding

Coding

Item no.: 770-401 Coding pin; for plugs; Plastic; gray	www.wago.com/770-401
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Cover

Cover

Item no.: 770-360 Lockout cap; for plugs; 5-pole; separable; yellow	www.wago.com/770-360
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Item no.: 770-201 Lockout cap; 12-pole, separable; for sockets; Plastic; black	www.wago.com/770-201
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Item no.: 770-221 Lockout cap; 12-pole, separable; for sockets; Plastic; white	www.wago.com/770-221
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Downloads

Documentation

Bid Text

770-6223 X81 - Datei	2019 年2月19日	xml 2.9 kB	Download
770-6223 doc - Datei	2014 年12月2日	doc 23.6 kB	Download

CAD/CAE-Data

CAE data

WSCAD Universe 770-6223	URL	Download
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CAD data

2D/3D Models 770-6223	URL	Download
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Environmental Product Compliance

Compliance Search

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Installation Notes

Product family

WINSTA® MIDI

[Show all products from the family](#)

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