

Data sheet | Item number: 770-6224

Linect® T-connector; 4-pole; Cod. A; 1 input; 2 outputs; white

www.wago.com/770-6224



Color:



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

WAGO GmbH & Co. KG
Hansastr. 27
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Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

Distribution connector *WINSTA*® MIDI rated current 25 A

The *WINSTA*® MIDI distribution connector with protection type IP20 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 work completely without screw connections. They allow flexible, error-free installation in numerous possible uses. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including 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 Linect® interface guarantees quick and easy installation of lights with various pluggable connection systems. The *WINSTA*® MIDI pluggable installation connector with A coding in white or black is normally used for general mains applications in power distribution. This pluggable installation connector can be used for a current load of up to 25 A. Therefore, it can also be used for high power loads. The *WINSTA*® MIDI Pluggable Connection System with Push-in

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CAGE CLAMP® spring pressure connection technology facilitates safe electrification. Due to the included test slot, connections can be checked even when they are plugged in. That saves time and reduces installation labor and costs.

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

The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, even more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with WINSTA® MIDI pluggable installation connectors with protection against mismatching from WAGO.

- pluggable installation connectors with protection against mismatching
- for automation controllers
- suitable for any application
- custom-engineered solutions
- rapid, structured electrical installation

Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	400 V
Rated impulse voltage (III/3)	6 kV
Rated current	25 A
Legend (ratings)	(III / 3) $\hat{=}$ 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

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

Rated current UL 1977

23 A

General information

Note on contact resistance

approx. 1 m Ω of contact resistance
approx. 0.25 m Ω contact transition plug/socket

Connection data

Total number of potentials

4

PE function

Preceding PE contact

Connection 1

Pole number

4

Physical data

Pin spacing

10 mm / 0.394 inches

Width

65.5 mm / 2.579 inches

Height

40.5 mm / 1.594 inches

Depth

56.6 mm / 2.228 inches

Mechanical Data

Technology

Linect

Application

General mains applications

Coding

A

Variable coding

Yes

Marking

N $\frac{2}{L}$ 1/L'

Potential marking

N $\frac{2}{L}$ 1/L'

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

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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	0.811 MJ
Weight	36.1 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

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Packaging type	box
Country of origin	DE
GTIN	4050821102960
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)	44167988-7ed9-4d76-b137-e846e760a160
SCIP notification number (Belgium)	9f40a707-cc86-442e-bf3a-45e51efee172
SCIP notification number (Bulgaria)	2341f9df-0aec-4a63-aa1d-47b24f8456b3
SCIP notification number (Czech Republic)	c689e81b-bdad-4ff4-9757-d3e852e74ab7
SCIP notification number (Denmark)	665ad933-6c1f-4449-a71c-60185835cc11
SCIP notification number (Finland)	d2a7202a-d748-4799-a3a2-f557304fd21a
SCIP notification number (France)	baa401d7-41ea-4225-8aaa-4c47773c1390
SCIP notification number (Germany)	a11ffe91-2a6e-423d-84b8-f67f114a568c
SCIP notification number (Hungary)	8be06503-d6d2-4bc0-9f73-5f7295c77c70
SCIP notification number (Italy)	09077603-0d9c-43ce-ab44-20d2040a5580
SCIP notification number (Netherlands)	14926ce9-d672-4ea2-9c27-328d9aadd970
SCIP notification number (Poland)	ef5def06-96db-4426-acfa-5a4d4e5f5eef
SCIP notification number (Romania)	d85336a5-9f13-4ae5-b95e-f04339547ab1
SCIP notification number (Sweden)	23a664af-65b4-4dac-8589-b0c56e716f08

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.294-8024 Lighting connector; push-button, external; for Linect®; without ground contact; 1/L´-2/L-PE-N; 4-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	www.wago.com/294-8024
Item no.294-8124 Lighting connector; push-button, external; for Linect®; with direct ground contact; 1/L´-2/L-PE-N; 4-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	www.wago.com/294-8124
Item no.770-124 Socket; with strain relief housing; 4-pole; Cod. A; 4,00 mm²; white	www.wago.com/770-124
Item no.770-224 Socket; 4-pole; Cod. A; 4,00 mm²; white	www.wago.com/770-224
Item no.770-134 Plug; with strain relief housing; 4-pole; Cod. A; 4,00 mm²; white	www.wago.com/770-134
Item no.771-9994/106-102 pre-assembled connecting cable; Eca; Socket/open-ended; 4-pole; Cod. A; H05VV-F 4G 1.5 mm²; 1 m; 1,50 mm²; white	www.wago.com/771-9994/106-102
Item no.770-234 Plug; 4-pole; Cod. A; 4,00 mm²; white	www.wago.com/770-234
Item no.771-9994/006-102 pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05VV-F 4G 1.5 mm²; 1 m; 1,50 mm²; white	www.wago.com/771-9994/006-102
Item no.771-9994/206-102 pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. A; H05VV-F 4G 1.5 mm²; 1 m; 1,50 mm²; white	www.wago.com/771-9994/206-102

Optional accessories

Coding

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

Cover

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Cover

Item no.: 770-360

Lockout cap; for plugs; 5-pole; separable; yellow

www.wago.com/770-360

Item no.: 770-201

Lockout cap; 12-pole, separable; for sockets; Plastic; black

www.wago.com/770-201

Item no.: 770-221

Lockout cap; 12-pole, separable; for sockets; Plastic; white

www.wago.com/770-221

Downloads

Documentation

Bid Text

770-6224 X81 - Datei	2019 年2月19日	xml 2.9 kB	Download
770-6224 doc - Datei	2014 年12月2日	doc 23.6 kB	Download

CAD/CAE-Data

CAE data

WSCAD Universe 770-6224	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-6224 Linect® T-connector; 4-pole; Cod. A; 1 input; 2 outputs; white	URL	Download
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Installation Notes

Product family

WINSTA® MIDI

[Show all products from the family](#)

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