Data sheet | Item number: 770-6225
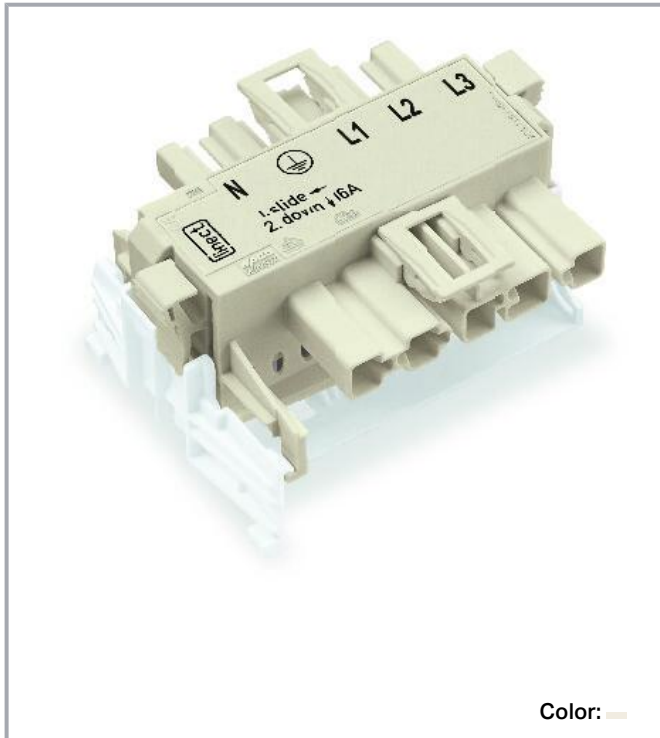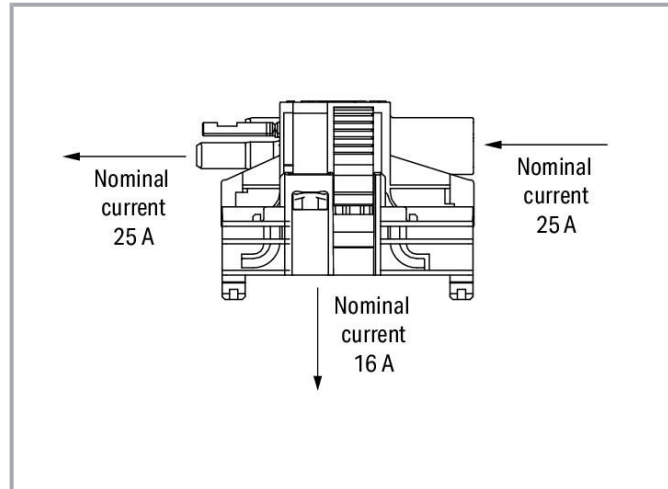
Linect® T-connector; 5-pole; Cod. A; 1 input; 2 outputs; white

www.wago.com/770-6225
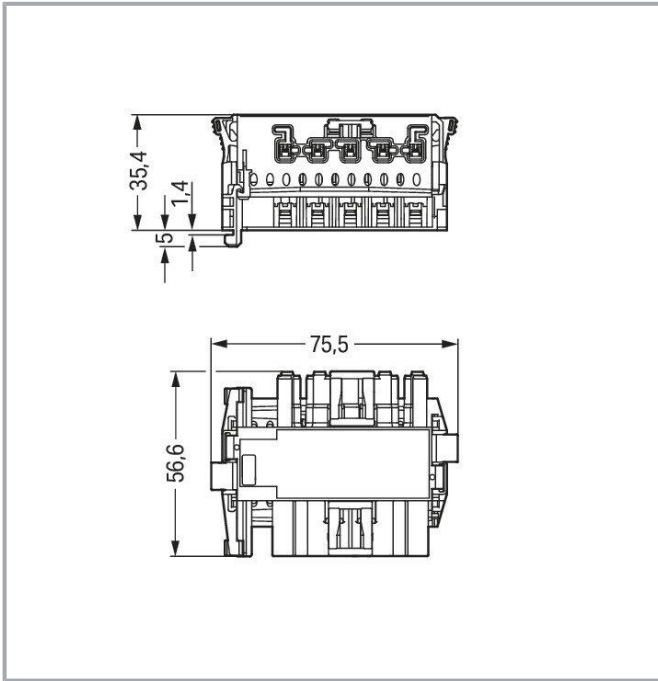
Color:

Nominal current 25 A

Nominal current 25 A

Nominal current 16 A

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

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 with protection against mismating

The *WINSTA*® MIDI distribution connector A coding is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. WAGO pluggable installation connectors are useful when requirements repeat or are distributed on a defined grid, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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 live 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 is used for electrical currents up to 25 A. Thus the product is ideally suitable for high power loads. The *WINSTA*® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates exemplary electrification. Due to the built-in test slot, connections can be checked even when they are plugged in. That saves time and reduces installation labor and costs.

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

WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose durability and quality – with protection type IP20 from WAGO makes the

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installation of electrical components substantially easier.

-
- pluggable installation connectors with protection against mismating
- pre-assembled versions
- with A coding for use in many general mains applications
- flexible installation to save space
- convenient installation and commissioning

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) ≙ Overvoltage category III / Pollution degree 3

Ratings per IEC/EN 2

Rated current 2	16 A

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

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	5
PE function	Preceding PE contact

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

Connection 1

Pole number	5

Physical data

Pin spacing	10 mm / 0.394 inches
Width	75.5 mm / 2.972 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
Marking	N ⏚ L1 L2 L3
Potential 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	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
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

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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	0.942 MJ
Weight	42.2 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)	20 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821654278
Customs tariff number	85366990990

Environmental Product Compliance

CAS-No.	131651-65-5
	144317-44-2
	220133-51-7
	220689-12-3

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

	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)	a5294cac-2d4c-4def-ab31-86b284b6ff3e
SCIP notification number (Belgium)	3a90be1f-8018-4085-83db-cf5ac993ffdb
SCIP notification number (Bulgaria)	0c1e1de2-15d0-4552-ae5c-a1403f3d5d18
SCIP notification number (Czech Republic)	916e44b2-08b1-4e25-9885-622c7ad81bb8
SCIP notification number (Denmark)	6eba43dd-bd3f-4c4f-89cd-4f7927c1d98b
SCIP notification number (Finland)	43f5d785-8ce7-4d24-9380-a0ea415e1cb3
SCIP notification number (France)	2180e245-7ee2-49bf-968d-a4717d63ca5d
SCIP notification number (Germany)	05a3ad0d-597f-4c61-b202-1fc3a639b65b
SCIP notification number (Hungary)	99d6a205-4bbe-47cc-b80f-f04ea1b73fbe
SCIP notification number (Italy)	4755257f-e5da-4398-b459-1daac2952f4a
SCIP notification number (Netherlands)	1f179663-90cf-41dc-9757-c7672e796886
SCIP notification number (Poland)	1b877ed7-303d-442e-acb2-82c391e16a56
SCIP notification number (Romania)	2fc37210-edee-48bf-96c2-f8f6f08911ef
SCIP notification number (Sweden)	1a4dde01-65d2-4ece-aaff-b1c619003e30

Other

Technology	Linect

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

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

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Counterpart

Item no.294-8115
Lighting connector; push-button, external; for Linect®; with direct ground contact; L3-L2-L1-PE-N; 5-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 /294-8115

Item no.294-8015
Lighting connector; push-button, external; for Linect®; without ground contact; L3-L2-L1-PE-N; 5-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 /294-8015

Item no.770-125
Socket; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; white

www.wago.com /770-125

Item no.770-135
Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; white

www.wago.com /770-135

Item no.770-335
Plug; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; white

www.wago.com /770-335

Item no.770-325
Socket; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; white

www.wago.com /770-325

Item no.770-235
Plug; 5-pole; Cod. A; 4,00 mm²; white

www.wago.com /770-235

Item no.770-225
Socket; 5-pole; Cod. A; 4,00 mm²; white

www.wago.com /770-225

Item no.770-425
Socket; 5-pole; Cod. A; 4,00 mm²; white

www.wago.com /770-425

Item no.771-9995/006-102
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; white

www.wago.com /771-9995 /006-102

Item no.771-9995/106-102
pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; white

www.wago.com /771-9995 /106-102

Item no.771-9995/206-102
pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; white

www.wago.com /771-9995 /206-102

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

 Item no.770-435
Plug; 5-pole; Cod. A; 4,00 mm²; white

Optional accessories

Cover

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

770-6225 X81 - Datei	2019 Feb 19	xml 2.9 kB	Download
770-6225 doc - Datei	2014 Dec 2	doc 23.6 kB	Download

CAD/CAE-Data

CAE data

WSCAD Universe 770-6225	URL	Download

CAD data

2D/3D Models 770-6225	URL	Download

Asset Administration Shell

Asset Administration Shell 770-6225	URL	Download

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-6225	URL	Download
Linect® T-connector; 5-pole; Cod. A; 1 input; 2 outputs; white		

Installation Notes

Product family

WINSTA® MIDI
Show all products from the family

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