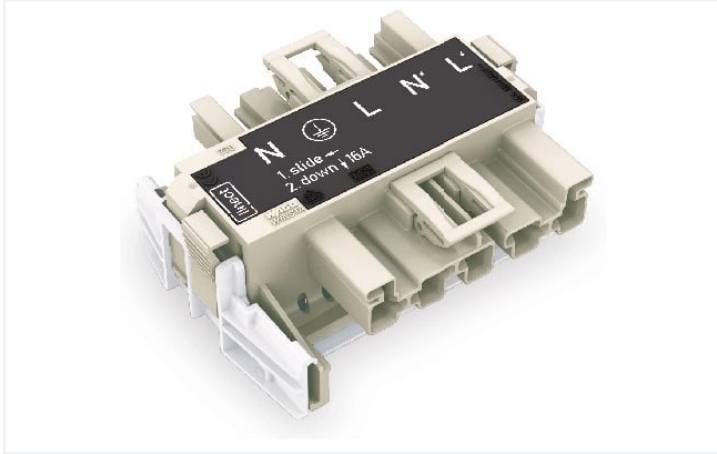


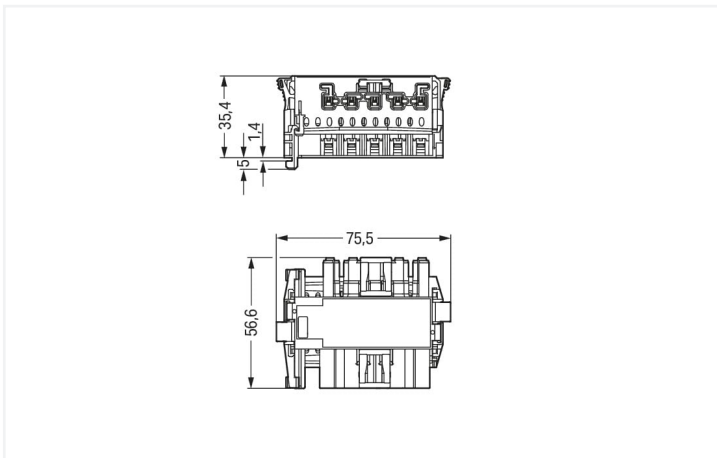
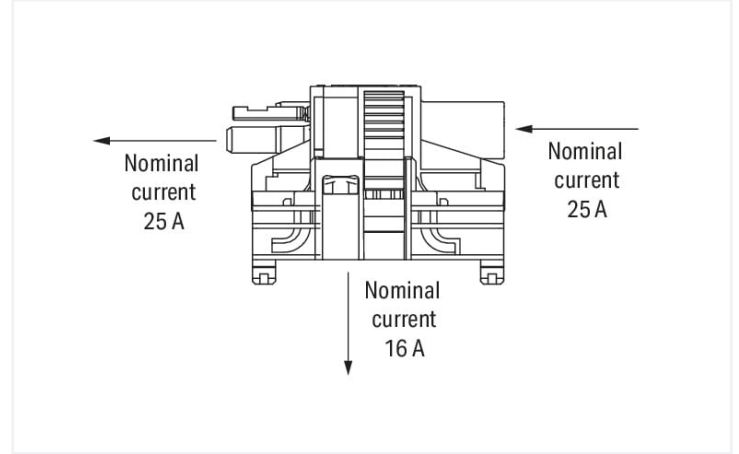
Data Sheet | Item Number: 770-7505

Linect® T-connector; 5-pole; Cod. L; 1 input; 2 outputs; white

<https://www.wago.com/770-7505>



Color: ■ white



Dimensions in mm

Distribution connector *WINSTA*® MIDI with protection type IP20

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MIDI distribution connector with locking latch. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to a huge variety of requirements in next to no time. 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 electrified elements. The manufacturer-independent Linect® interface has developed into a standard for the technical connection of lighting fixtures. It allows quick and easy assembly with a pluggable connection system. L coding identifies *WINSTA*® MIDI pluggable installation connectors for use in applications related to power supply in automation. Important parameters in the selection of a pluggable installation connector are the rated current and voltage: They provide information about possible domains of use and applications. This product has a current rating of 25 A – as a result it is also suitable for high power loads. Our *WINSTA*® MIDI product line allows flexibility for the installation. Through its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees error-free, time-saving installation and offers flexibility for meeting various installation requirements.

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

WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – the *WINSTA*® MIDI pluggable installation connector with protection against mismatching from WAGO makes the electrical installation of electrical components significantly easier.

- effective protection against mismatching
- for automation controllers
- for supplying power to power supply units
- custom-engineered solutions
- convenient installation and commissioning

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	400 V	-	-
Rated surge voltage	6 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	5
PE function	Preceding PE contact

Connection 1

Pole number	5
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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	Emergency power supply
Coding	L
Variable coding	No
Marking	N L N' L'
Potential marking	N L N' 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

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	0.926 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	4045454013790
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)	d73e0116-0d8c-426d-82e5-73f442534fe7
SCIP notification number (Belgium)	663e82b9-1e77-405a-a47a-33d464d0a15b
SCIP notification number (Bulgaria)	400815d9-e43a-42a9-90bb-f5d31f29b82c
SCIP notification number (Czech Republic)	b6509315-886c-466f-94b7-0273ae8b1678
SCIP notification number (Denmark)	6387698b-a925-4448-b6d5-96a1b0c41812
SCIP notification number (Finland)	d4ab8540-1c14-4c2b-a448-f8ba5d3bef07
SCIP notification number (France)	207507e9-f3c4-4ed6-a803-a353485bed54
SCIP notification number (Germany)	efce2989-7034-4816-978c-042dc5cbe54d
SCIP notification number (Hungary)	79a6c429-cc82-4fa6-94a1-b8b69c0084df
SCIP notification number (Italy)	134c0879-4f25-4a17-b027-39d5966eb4cd
SCIP notification number (Netherlands)	0928173a-d256-40c1-8286-f1800f2167a7
SCIP notification number (Poland)	51d0fb3e-f9b0-48dc-820e-0e0cd79e908f
SCIP notification number (Romania)	73f26d8f-e8ca-4a16-a2ce-6b2eac4aa380



Environmental Product Compliance

SCIP notification number (Sweden)

ba3e124d-05d4-473b-90bc-21d69b5a1d2c

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 770-7505



Documentation

Bid Text			
770-7505	02.12.2014	doc 23.50 KB	
770-7505	19.02.2019	xml 2.90 KB	

CAD/CAE-Data

CAE data
WSCAD Universe 770-7505



1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



Item No.: 771-8985/206-104
pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. L; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; dark gray



Item No.: 771-8985/106-104
pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. L; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; dark gray



Item No.: 771-8985/006-104
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. L; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; dark gray

1.1.2 Female connector/socket



Item No.: 770-1165
Socket; 5-pole; Cod. L; 4,00 mm²; dark gray

1.1.3 Field-wiring terminal block with Linect®



Item No.: 294-8125
Lighting connector; push-button, external; for Linect®; with direct ground contact; L'-N'-L-PE-N; 5-pole; Cod. L; 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.: 294-8025
Lighting connector; push-button, external; for Linect®; without ground contact; L'-N'-L-PE-N; 5-pole; Cod. L; 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.: 770-1175
Plug; 5-pole; Cod. L; 4,00 mm²; dark gray

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 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