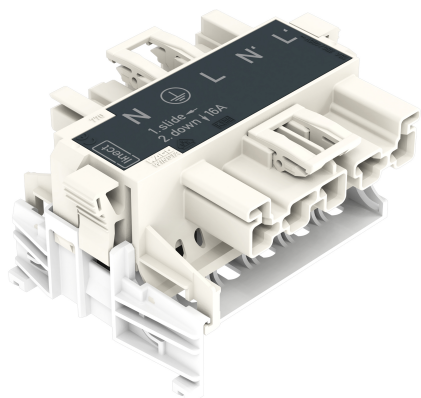


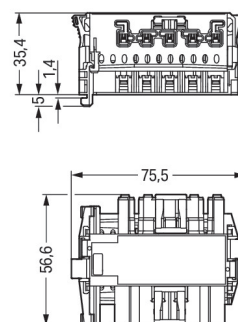
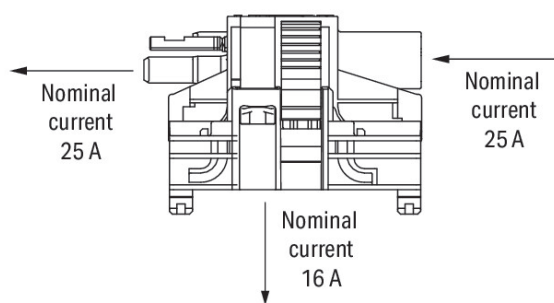
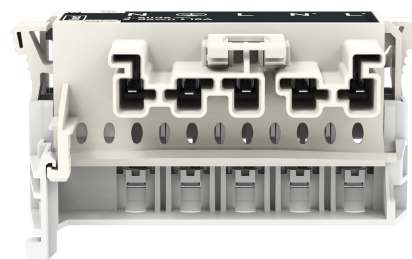
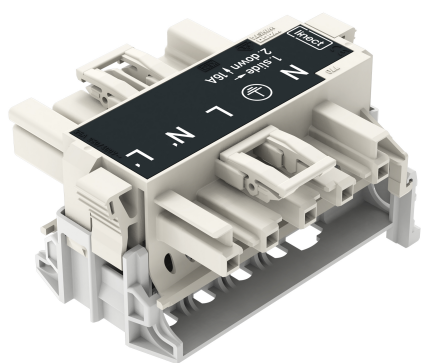
Data Sheet | Item Number: 770-7505

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 L coding

The WINSTA® MIDI distribution connector L coding supports rapid, correct installation. WAGO pluggable installation connectors are useful when specifications repeat or are planned on a specified pattern, for example for installing grid lighting or flush-mount lighting. 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 offers touch-proof protection with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). Lights with a state-of-the-art Linect® interface can be integrat-



ed straightforwardly into a new or existing installation with WINSTA®. WINSTA® MIDI pluggable installation connectors with L coding (2-pole or 5-pole) are ideal for supplying power to power supply units or small servo motors. This pluggable installation connector can be 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. Thanks to the integrated test slot, it is possible to check connections even when they are plugged in. That saves time and reduces installation labor and expense.

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

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with marking from WAGO.

- protection against mismatching eliminates errors
- for automation controllers
- with L coding for use in supplying power to power supply units or small servo motors
- custom-engineered solutions
- rapid, structured electrical installation

Electrical data				
Ratings per		IEC/EN 60664-1		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		400 V	-	-
Rated impulse withstand voltage		6 kV	-	-
Rated current		25 A	-	-
		Ratings per IEC/EN 2		
Rated current		16 A		
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		

Connection Data			
Total number of potentials	5	Connection 1	
PE function	Preceding PE contact	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
Use	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

Mechanical data

Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)
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Plug-in connection

Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> ® 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).
Number of locking levers	2

Material data

Note (material data)	Information on material specifications can be found here
Color	white
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.939 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)
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454013790
Customs tariff number	85366990990

Product Classification

UNSPSC	39121421
eCl@ss 10.0	27-44-06-02
eCl@ss 9.0	27-44-06-02
ETIM 9.0	EC002566
ETIM 10.0	EC002566
ECCN	NO US CLASSIFICATION



Environmental Product Compliance	
REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant,No Exemption
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
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 Zertifizie- rungsinstitut	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	
CAD data 2D/3D Models 770-7505 ↓	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); 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); 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
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