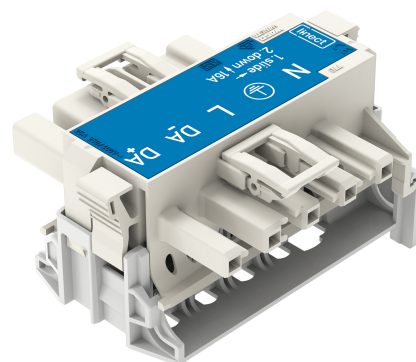
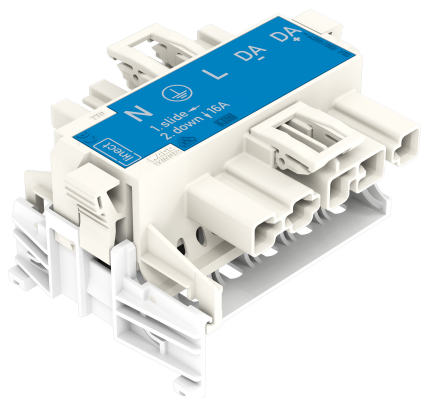


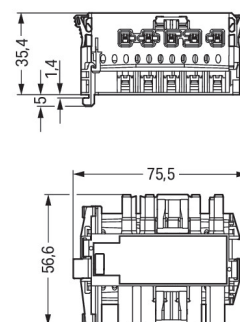
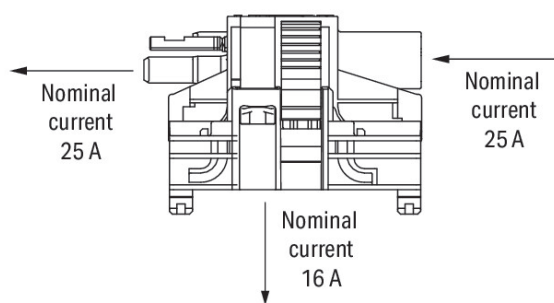
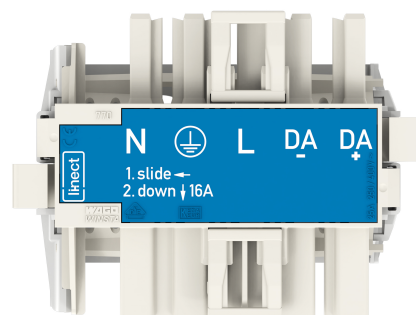
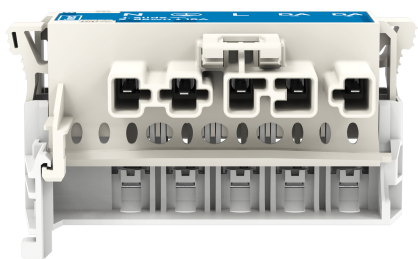
Data Sheet | Item Number: 770-7105

Linect® T-connector; 5-pole; Cod. I; 1 input; 2 outputs; blue

<https://www.wago.com/770-7105>



Color: ■ blue



Dimensions in mm

Distribution connector WINSTA® MIDI I coding

For power and signal transmission: The WINSTA® MIDI distribution connector with locking latch. WAGO pluggable installation connectors can be used when criteria repeat or are distributed on a specific pattern, 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!)). That results in the fact that users' fingers will never come into contact with live contact elements. Controlled lighting equipment, as implemented with the DALI standard, for in-



stance, is the main use of *WINSTA*® MIDI pluggable installation connectors with I coding. This pluggable installation connector can be used for a voltage 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 CAGE CLAMP® spring pressure connection technology facilitates safe electrification. Due to the built-in test slot, it is possible to check connections even when they are plugged in. This saves time, labor, and money.

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

WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It offers fast, secure and, above all, error-free installation of components and cables. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with locking lever from WAGO.

- pluggable installation connectors with protection against mismating
- for automation controllers
- with I coding for use in the automation of buildings (lighting control)
- exact dimensions
- 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		16 A		
Rated current				

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	
Use	DALI, Lighting Management
Coding	I
Variable coding	No
Marking	N ⊕ L DA- DA+
Potential marking	N ⊕ L DA- DA+
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 <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	blue
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.921 MJ
Weight	41.2 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	4050821000402
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)	aa3b6b25-f159-40f1-a839-e1990ac0087b
SCIP notification number (Belgium)	bcf0ed1b-d2a6-4a15-91c2-45ae1524391f
SCIP notification number (Bulgaria)	dbdff0b-896d-4af5-b33e-5eb27c5db145
SCIP notification number (Czech Republic)	8052bba5-64ab-4f5a-8b8d-f6681f6ea87f
SCIP notification number (Denmark)	d826f846-ffc0-45ec-8f78-7bfa92767954
SCIP notification number (Finland)	869c621f-fad1-4816-939a-47b54190a9d5
SCIP notification number (France)	d37e6c09-29cc-4a56-be50-cbb191446213
SCIP notification number (Germany)	5ebc786a-dbd2-4400-bb7c-e0c1fa629f38
SCIP notification number (Hungary)	7213a003-02ce-44cd-bdc2-6e6d9383b7bf
SCIP notification number (Italy)	2ecf5e19-e915-48cd-9818-4af8aff3683a
SCIP notification number (Netherlands)	c18f3f94-d952-49e5-9bb3-ddb3e09e3002
SCIP notification number (Poland)	6dceed6d-7204-4b16-a37f-b18fb3105e39
SCIP notification number (Romania)	3454d912-995e-4c6d-9a6c-d48de76b0dde
SCIP notification number (Sweden)	098d4581-1b9b-42d8-aea6-2a13e298b5df

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 770-7105	↓

Documentation

Bid Text			
770-7105	19.02.2019	xml 2.90 KB	↓
770-7105	02.12.2014	doc 23.50 KB	↓
ausschreiben.de 770-7105			↓



CAD/CAE-Data	
CAD data 2D/3D Models 770-7105 ↓	CAE data WSCAD Universe 770-7105 ↓

1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



Item No.: 771-9985/206-102
pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. I; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; blue

Item No.: 771-9985/106-102
pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. I; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; blue

Item No.: 771-9985/006-102
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. I; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; blue

1.1.2 Female connector/socket



Item No.: 770-1105
Socket; 5-pole; Cod. I; 4,00 mm²; blue

Item No.: 770-1105/022-000
Socket; with strain relief housing; 5-pole; Cod. I; 4,00 mm²; blue

1.1.3 Field-Wiring Terminal Block with Linect®



Item No.: 294-8135
Lighting connector; push-button, external; for Linect®; with direct ground contact; DA+ DA- L PE N; 5-pole; Cod. I; 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.: 294-8035
Lighting connector; push-button, external; for Linect®; without ground contact; DA+ DA- L PE N; 5-pole; Cod. I; 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.: 770-1115
Plug; 5-pole; 4,00 mm²; blue

Item No.: 770-1115/022-000
Plug; with strain relief housing; 5-pole; Cod. I; 4,00 mm²; blue



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
---	---	--