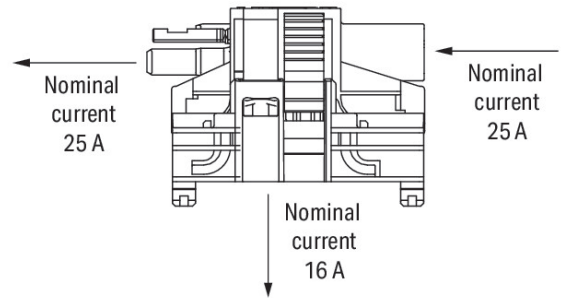
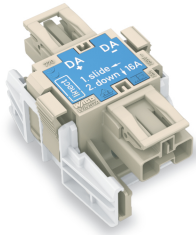


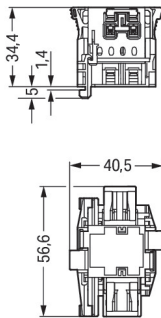
Data Sheet | Item Number: 770-7102

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

<https://www.wago.com/770-7102>



Color: ■ white



Dimensions in mm

Distribution connector WINSTA® MIDI 2-pole

The WINSTA® MIDI distribution connector 2-pole supports rapid, correct installation. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow flexible, error-free installation in numerous applications. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). WINSTA® MIDI pluggable installation connectors with I coding in blue are above all suitable for lighting management, for example for the dimming of DALI lights. This pluggable installation connector can be used for electrical currents up to 25 A. Thus the product is especially suitable for high power loads. The WINSTA® MIDI product line achieves maximum flexibility for the electrical installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it ensures time-saving, error-free installation and offers flexibility and customization for meeting an enormous variety of installation requirements.

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

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also lower installation costs without compromising safety and quality: with protection against mismatching reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- for automation controllers
- with I coding for use in building automation (lighting control)
- flexible installation to save space

- quick replacement of defective units during ongoing operation

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated impulse withstand voltage	4 kV	-	-
Rated current	25 A	-	-

Ratings per IEC/EN 2

Rated current	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	2
----------------------------	---

Connection 1

Pole number	2
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Physical data

Pin spacing	10 mm / 0.394 inches
Width	40.5 mm / 1.594 inches
Height	39.4 mm / 1.551 inches
Depth	56.6 mm / 2.228 inches

Mechanical data

Use	DALI, Lighting Management
Coding	I
Variable coding	No
Marking	DA+ DA-
Potential marking	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 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).
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	Fire load	0.497 MJ
Weight	Weight	19.6 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)		25 pcs
Packaging type		Box
Country of origin		DE
GTIN		4050821854357
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)		fe35f9e2-3eb9-4135-a7b4-e33d5d59b954
SCIP notification number (Belgium)		c80c781b-8167-4c4e-bfb9-2612baf83448
SCIP notification number (Bulgaria)		4689cfb1-ee89-41d2-a4ba-0879e6dc41aa
SCIP notification number (Czech Republic)		474dda7f-39c8-468d-831e-9988a18d5220
SCIP notification number (Denmark)		de301efa-1d94-44e1-957c-3231a9716bab
SCIP notification number (Finland)		f17acaaf-b8ee-451c-a7c1-026b3bd32daa
SCIP notification number (France)		aaedec88-5fac-434d-88c1-fa8f6e6065cc
SCIP notification number (Germany)		8dbe5ab5-6466-44ab-bb03-dbca636ae8a8
SCIP notification number (Hungary)		61f95882-e449-4fec-9a47-00fee830e7e2
SCIP notification number (Italy)		df833532-2a85-4dda-a6f9-b3e380dc4818
SCIP notification number (Netherlands)		14e94647-7829-45a4-b8f8-de51c618fed8
SCIP notification number (Poland)		1e2479d8-4d57-4843-9259-9fa9f4662336
SCIP notification number (Romania)		d1416e16-adfe-4a8f-82bd-1605f1d9f715
SCIP notification number (Sweden)		f2da2239-e33a-4b2e-9e45-090fc1aa627f



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 770-7102



Documentation

Bid Text			
770-7102	03.12.2014	doc 23.00 KB	
770-7102	19.02.2019	xml 2.88 KB	



CAD/CAE-Data

CAD data
2D/3D Models 770-7102



1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



Item No.: 771-8982/206-102
pre-assembled connecting cable; Eca;
Plug/open-ended; 2-pole; Cod. I; H05VV-F
2 x 1.5 mm²; 1 m; 1,50 mm²; blue

Item No.: 771-8982/105-102
pre-assembled connecting cable; Eca;
Socket/open-ended; 2-pole; Cod. I;
H05VV-F 2 x 1.0 mm²; 1 m; 1,00 mm²;
blue

Item No.: 771-8982/006-102
pre-assembled interconnecting cable;
Eca; Socket/plug; 2-pole; Cod. I; H05VV-F
2 x 1.5 mm²; 1 m; 1,50 mm²; blue

1.1.2 Female connector/socket



Item No.: [770-1102](#)
Socket; 2-pole; Cod. I; blue

1.1.3 Field-Wiring Terminal Block with Linect®



Item No.: [294-8032](#)
Lighting connector; push-button, external; for Linect®; without ground contact; 2-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.: [770-1112](#)
Plug; 2-pole; Cod. I; 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