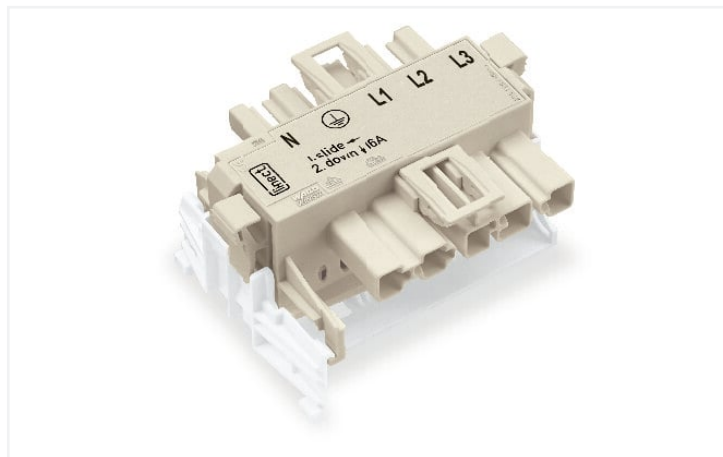


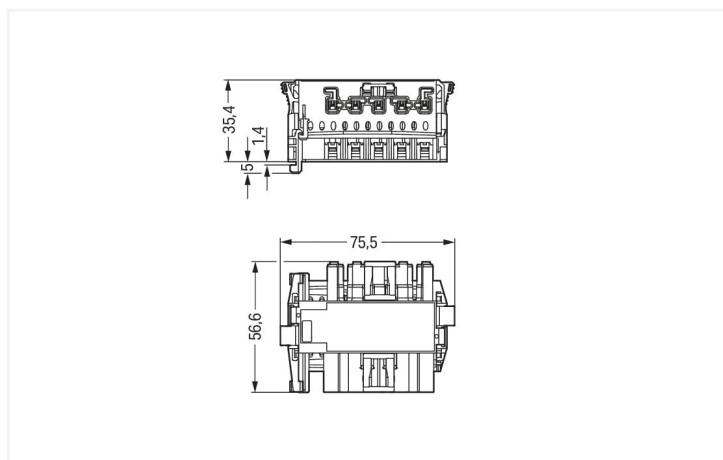
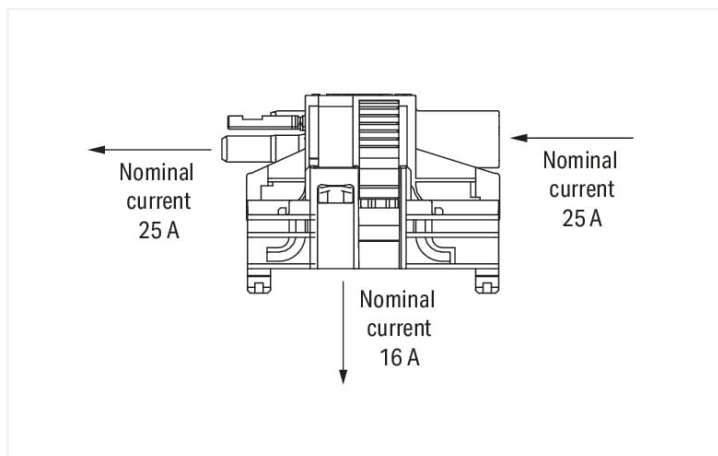
Data Sheet | Item Number: 770-6225

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

<https://www.wago.com/770-6225>



Color: ■ white



Dimensions in mm

Distribution connector WINSTA® MIDI 5-pole

The WINSTA® MIDI distribution connector 5-pole provides the foundation for assembly of solid and fine-stranded conductors. WAGO pluggable installation connectors can be used when requirements repeat or are planned on a specified grid, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. 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!)). Lights with a state-of-the-art Linect® interface can be added quickly and easily into a new or existing installation with WINSTA®. The WINSTA® MIDI pluggable installation connector with A coding in white or black is usually used for general mains applications in power distribution. This pluggable installation connector can be used for electrical currents up to 25 A. Thus the product is ideally suitable for high power loads. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is found in a broad range of individual products you can use for quick, easy, secure, tailored installation.

WINSTA® MIDI solutions for your electrical installation – protected against mismatching and maintenance-free

The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, more reliable, and error-free. Use of this pre-assembled system decreases assembly times and errors during installation at the construction site. Choose durability and quality – the WINSTA® MIDI pluggable installation connector with protection type IP20 from WAGO makes the installation of electrical components noticeably easier.

- protection against mismatching eliminates errors
- simple circuits
- for any mains application
- 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 surge voltage	6 kV	-	-
Rated current	25 A	-	-

Ratings per IEC/EN 2

Rated current 2	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
PE function	Preceding PE contact

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

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).



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 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



Environmental Product Compliance

SCIP notification number (Sweden)

1a4dde01-65d2-4ece-aaff-b1c619003e30

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 770-6225	↓

Documentation

Bid Text			
770-6225	19.02.2019	xml 2.86 KB	↓
770-6225	02.12.2014	doc 23.00 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 770-6225	↓

CAE data	
WSCAD Universe 770-6225	↓

1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



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



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



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

1.1.2 Female connector/socket



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



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



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



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

1.1.3 Field-wiring terminal block with Linect®



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



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

1.1.4 Male connector/plug



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



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



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



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

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