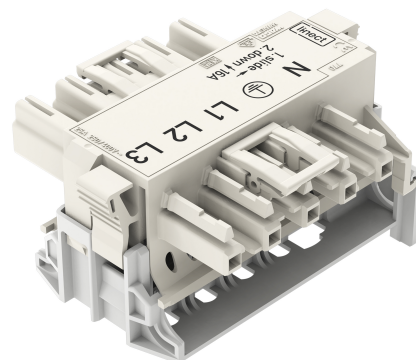
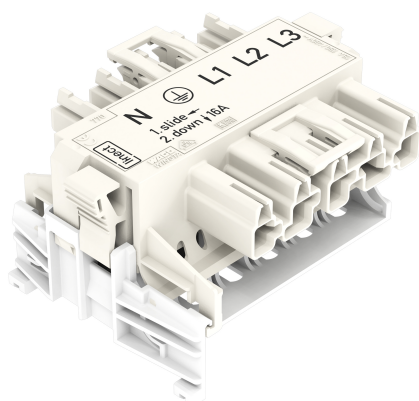


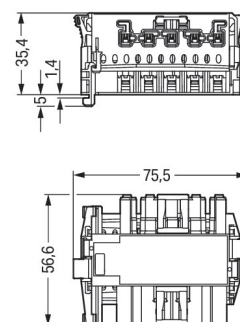
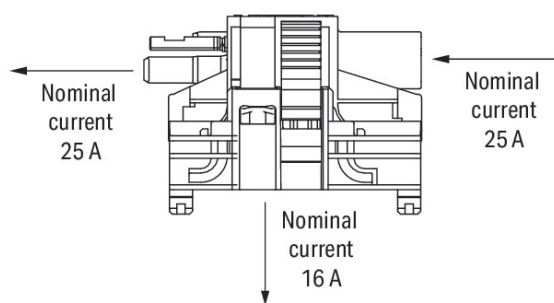
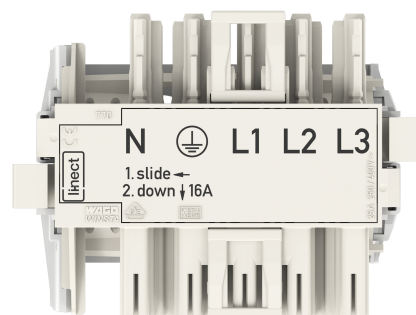
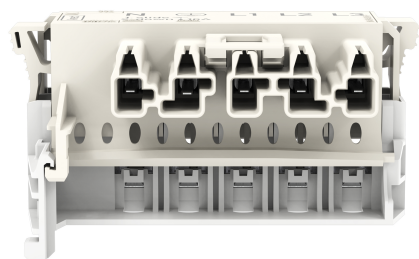
Data Sheet | Item Number: 770-6225

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 with protection type IP20

The *WINSTA*® MIDI distribution connector rated current 25 A allows installation of solid and fine-stranded conductors. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to various requirements in next to no time. The coding options reduce installation errors, allowing fast, maintenance-free 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!)). The Linect® interface guarantees straightforward installation of lights with various pluggable connec-



tion systems. The WINSTA® MIDI pluggable installation connector with A coding in white or black is normally used for general mains applications in power distribution. The rated current and voltage are important criteria for selecting a pluggable installation connector: They provide information about possible domains of use and applications. This product has a current rating of 25 A – therefore it is suitable for powerful loads. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in a broad range of individual products you can use for quick, easy, flexible, and secure electrical installation.

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

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. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismating from WAGO.

- protection against mismating eliminates errors
- simple circuits
- with A coding for a large number of uses
- ready to install and use immediately
- rapid, structured electrical installation

Electrical data					
Ratings per		IEC/EN 60664-1		Ratings per IEC/EN 2	
Overvoltage category		III	III	II	
Pollution degree		3	2	2	
Nominal voltage		400 V	-	-	
Rated impulse withstand voltage		6 kV	-	-	
Rated current		25 A	-	-	
				Rated current	16 A
Approvals per		UL 1977		General information	
Rated voltage		600 V		Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Rated current		23 A			

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	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).
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	0.957 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	4050821654278
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)	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
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 Zertifizie- rungsinstitut	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); 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); 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