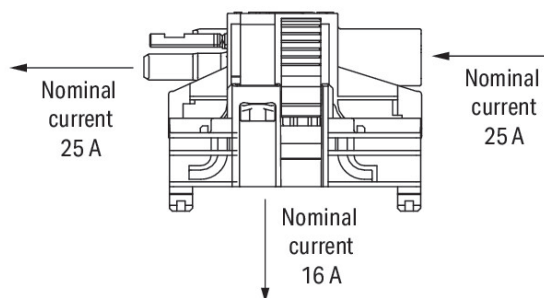
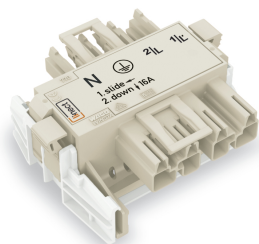


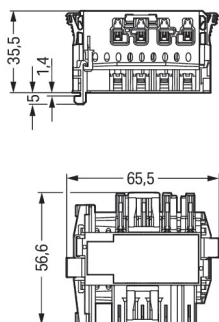
Data Sheet | Item Number: 770-6224

Linect® T-connector; 4-pole; Cod. A; 1 input; 2 outputs; white

<https://www.wago.com/770-6224>



Color: ■ white



Dimensions in mm

Distribution connector WINSTA® MIDI with protection against mismating

The WINSTA® MIDI distribution connector with protection against mismating allows installation of fine-stranded and solid conductors. WAGO pluggable installation connectors are useful when specifications repeat or are planned on a defined 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 offers protection against contact 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!)). The Linect® interface guarantees quick and easy installation of lights with various pluggable connection systems. Standard mains applications for almost any domain of use can be realised with WINSTA® MIDI pluggable installation connectors with A coding. This pluggable installation connector is designed for a voltage load of up to 25 A. As a result, it can also be used 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, flexible, and secure installation.

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

WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers 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.

- pluggable installation connectors with protection against mismating
- pre-assembled versions
- with A coding for use in a large number of general mains applications
- exact dimensions



- convenient installation and commissioning

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	-	-
Approvals per		UL 1977	
Rated voltage		600 V	
Rated current		23 A	
Ratings per IEC/EN 2			
Rated current		16 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	4	Connection 1	
PE function	Preceding PE contact	Pole number	4
Physical data			
Pin spacing	10 mm / 0.394 inches		
Width	65.5 mm / 2.579 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		
Variable coding	Yes		
Marking	N ⊕ 2/L 1/L'		
Potential marking	N ⊕ 2/L 1/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		
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		0.839 MJ
Weight		36.1 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		4050821102960
Customs tariff number		85366990990

Product Classification		
UNSPSC		39121402
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)		44167988-7ed9-4d76-b137-e846e760a160
SCIP notification number (Belgium)		9f40a707-cc86-442e-bf3a-45e51efee172
SCIP notification number (Bulgaria)		2341f9df-0aec-4a63-aa1d-47b24f8456b3
SCIP notification number (Czech Republic)		c689e81b-bdad-4ff4-9757-d3e852e74ab7
SCIP notification number (Denmark)		665ad933-6c1f-4449-a71c-60185835cc11
SCIP notification number (Finland)		d2a7202a-d748-4799-a3a2-f557304fd21a
SCIP notification number (France)		baa401d7-41ea-4225-8aaa-4c47773c1390
SCIP notification number (Germany)		a11ffe91-2a6e-423d-84b8-f67f114a568c
SCIP notification number (Hungary)		8be06503-d6d2-4bc0-9f73-5f7295c77c70
SCIP notification number (Italy)		09077603-0d9c-43ce-ab44-20d2040a5580
SCIP notification number (Netherlands)		14926ce9-d672-4ea2-9c27-328d9aadd970
SCIP notification number (Poland)		ef5def06-96db-4426-acfa-5a4d4e5f5eef
SCIP notification number (Romania)		d85336a5-9f13-4ae5-b95e-f04339547ab1
SCIP notification number (Sweden)		23a664af-65b4-4dac-8589-b0c56e716f08



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 770-6224



Documentation

Bid Text			
770-6224	02.12.2014	doc 23.00 KB	
770-6224	19.02.2019	xml 2.86 KB	

CAD/CAE-Data

CAD data
2D/3D Models 770-6224



CAE data
WSCAD Universe 770-6224



1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



Item No.: 771-9994/206-102
pre-assembled connecting cable; Eca;
Plug/open-ended; 4-pole; Cod. A; H05VV-
F 4G 1.5 mm²; 1 m; 1,50 mm²; white

Item No.: 771-9994/106-102
pre-assembled connecting cable; Eca;
Socket/open-ended; 4-pole; Cod. A;
H05VV-F 4G 1.5 mm²; 1 m; 1,50 mm²;
white

Item No.: 771-9994/006-102
pre-assembled interconnecting cable;
Eca; Socket/plug; 4-pole; Cod. A; H05VV-
F 4G 1.5 mm²; 1 m; 1,50 mm²; white



1.1.2 Female connector/socket



Item No.: 770-224
Socket; 4-pole; Cod. A; white

Item No.: 770-124
Socket; with strain relief housing; 4-pole;
Cod. A; 4,00 mm²; white

1.1.3 Field-Wiring Terminal Block with Linect®



Item No.: 294-8124
Lighting connector; push-button, external;
for Linect®; with direct ground contact; 1/
L´-2/L-PE-N; 4-pole; Cod. A; Lighting side:
for solid conductors; Inst. side: for all con-
ductor types; max. 2.5 mm²; Surrounding
air temperature: max 85°C (T85); white

Item No.: 294-8024
Lighting connector; push-button, external;
for Linect®; without ground contact; 1/
L´-2/L-PE-N; 4-pole; Cod. A; Lighting side:
for solid conductors; Inst. side: for all con-
ductor types; max. 2.5 mm²; Surrounding
air temperature: max 85°C (T85); white

1.1.4 Male connector/plug



Item No.: 770-234
Plug; 4-pole; Cod. A; white

Item No.: 770-134
Plug; with strain relief housing; 4-pole;
Cod. A; 4,00 mm²; white

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



Item No.: 770-401
Coding pin; for plugs; Plastic; gray

1.2.2 Cover

1.2.2.1 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