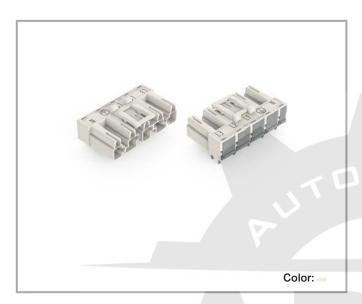
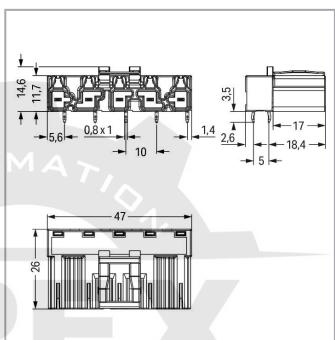
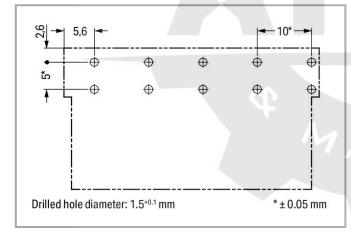
Plug for PCBs; angled; 5-pole; Cod. A; white

www.wago.com/770-835_011-000









Item description

- Protected against mismating and maintenance-free
- Push-in CAGE CLAMP® spring pressure connection technology allows solid conductors to be simply pushed into a unit.
- Additional variable coding is possible.

Subject to changes. Please also observe the further product documentation!

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Data

Electrical data

Note on contact resistance approx. 1 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/socket

IEC Approvals

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	400 V
Rated surge voltage (III/3)	6 kV
Rated current	25 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Ratings per UL

Hinweis für den amerikanischen Markt	Application note for the U.S. market (USR): Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office.
Rated voltage UL 1977	600 V
Rated current UL 1977	23 A

Connection data

Pole No.	5
Total number of potentials	5
Number of levels	1
Ground function	preceding ground contact

Physical data

Pin spacing	10 mm / 0.394 inch
Width	47 mm / 1.85 inch
Height	18.1 mm / 0.713 inch
Height from the surface	14.6 mm / 0.575 inch
Depth	26 mm / 1.024 inch
Solder pin length	3.5 mm
Solder pin dimensions	1 x 0.8 mm
Drilled hole diameter with tolerance	1.5 ^{(-0.1} +0.1) mm

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Mechanical data

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	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
Design	angled

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
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
Mating direction to the PCB	0°
Locking lever	yes
Locking of plug-in connection	locking lever
Hinweis zur Verriegelung	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).

PCB contact

PCB Contact	ТНТ
Solder pin arrangement	2 in-line solder pins/pole
Number of solder pins per potential	2

Material data

Color	white
Insulation material	Polyamide (PA66)
Clamping spring material	Chrome nickel spring steel (CrNi)

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Contact material		Copper or copper alloy (surface-treated)			
Fire load		0.159 MJ			
Weight		10.9 g			
Environme	ental requirements				
Processing	temperature	-5 +40 ℃			
Continuous	s operating temperature	-35 +85 °C			
Note on co	ntinuous operating temperature	Insulating parts for temperatures ≤ 105 °C	Insulating parts for temperatures ≤ 105 °C		
Commerci	al data				
Product Gr	oup	20 (WINSTA)			
Packaging		BOX			
Country of		PL.			
GTIN		4044918524674			
Customs ta	ariff number	8536694040	_		
Approvals	/ Certificates				
Country spe	cific Approvals				
			Certificate		
Logo	Approval	Additional Approval Text	name		
KEMA	CCA DEKRA Certification B.V.	EN 61535	2173495.02		
	CCA	IEC 61535	NL-32105		
	DEKRA Certification B.V.	4,			
Ship Approv	als				
			Certificate		
Logo	Approval	Additional Approval Text	name		
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ANONED NO	DNV GL	-	TAE00001Z6		
DNV-GL)	Det Norske Veritas, Germanischer Lloyd				
MARITIME					
	LR	IEC 61984	02/20050		
	Lloyds Register		(E6)		
Subject to ch	nanges. Please also observe the further product docur	mentation!			
WAGO Corpo	pration	Do you have any questions about our produc	cts?		
Germantown, WI 53022		We are always happy to take your call at (262			
Phone: 1-800-DIN-RAIL (346-7245) Fax: (262) 255-6222 Email: info.us@wago.com Web: www.wago.us		RAIL.			





UL-Approvals

Logo Approval Additional Approval Text name

CURus UL 1977 E45171
Underwriters Laboratories Inc. Sec. 9



Counterpart

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

www.wago.com/770-125

The state of

Item no.770-225

Socket; 5-pole; Cod. A; 4,00 mm²; white

www.wago.com/770-225



Item no.770-425

Socket; 5-pole; Cod. A; 4,00 mm²; white

www.wago.com/770-425



Item no.770-325

Socket; with strain relief housing; 5-pole; Cod. A; 4,00 mm²; white

www.wago.com/770-325

Required accessories

Cover

Item no.: 770-360

Lockout cap; for plugs; 5-pole; separable; yellow

www.wago.com/770-360

Optional accessories

Coding

Item no.: 770-401

Coding pin; for plugs; Plastic; gray

www.wago.com/770-401

Downloads CAD files

CAD data

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RAIL.

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URL

Download

URL Download 2D/3D Models 770-835/011-000 **CAE** data **URL** EPLAN Data Portal 770-835/011-000 Download URL ZUKEN Portal 770-835/011-000 Download EPLAN Data Portal 770-835/011-000 **URL** Download **PCB** Design

Symbol and Footprint 770-835/011-000

CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- **Eagle Libraries**
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- **TARGET 3001!**
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 770-835/011-000

Plug for PCBs; angled; 5-pole; Cod. A; white

URL

Download

Installation Notes

Product family

<i>WINSTA</i>
® MIDI
Show all products from the family

APEX

 $\label{thm:continuity} \textbf{Subject to changes. Please also observe the further product documentation!}$

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