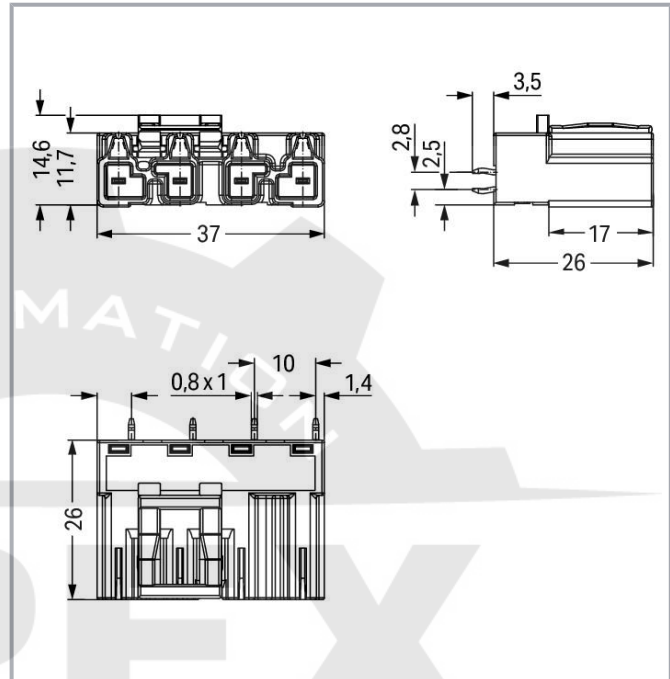
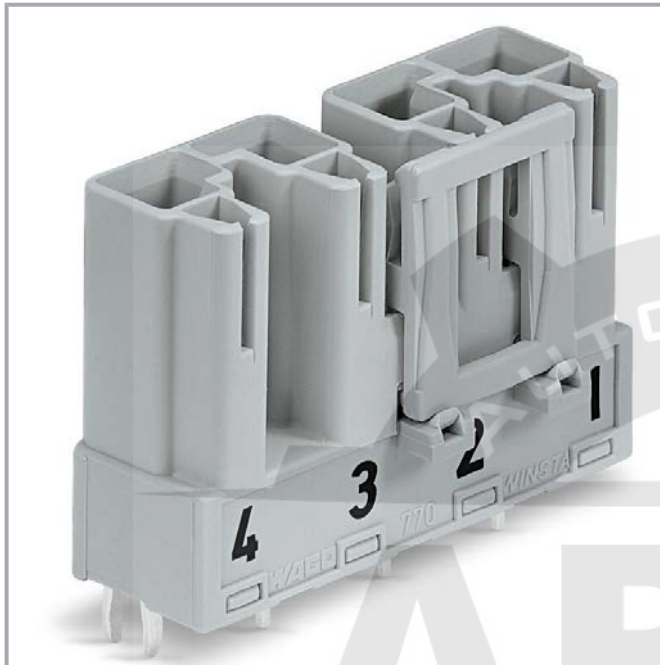
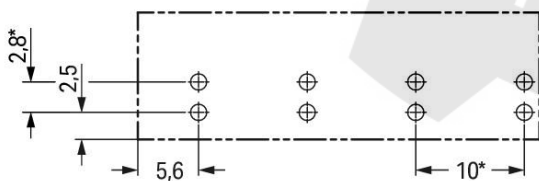




i Picture differs from the item.

Color: 



* ± 0.05 mm
Drilled hole diameter: 1.5^{+0.1} mm

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

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Item description

- Protected against mismatching and maintenance-free
- Push-in CAGE CLAMP® spring pressure connection technology allows solid conductors to be simply pushed into a unit.
- Two wire connections per pole for loops or bridges
- Additional variable coding is possible.
- Components can be clearly printed on and color-coded to meet custom requirements.

Data

Electrical data

Note on contact resistance

approx. 1 mΩ of contact resistance approx. 0.25 mΩ 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.	4
Total number of potentials	4
Number of levels	1

Physical data

Pin spacing	10 mm / 0.394 inch
Width	37 mm / 1.457 inch

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Height	29.5 mm / 1.161 inch
Height from the surface	26 mm / 1.024 inch
Depth	14.6 mm / 0.575 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

Mechanical data

Application	Measurement and regulation technology
Coding	B
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	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	straight

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	90°
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	THT
Solder pin arrangement	2 in-line solder pins/pole

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Number of solder pins per potential	2
-------------------------------------	---

Material data

Color	gray
Insulation material	Polyamide (PA66)
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper or copper alloy (surface-treated)
Fire load	0.189 MJ
Weight	8.8 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

Packaging type	BOX
Country of origin	PL
GTIN	4050821555483
Customs tariff number	8536694040

Approvals / Certificates

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1977	E45171 Sec. 9

Counterpart



Item no. 770-244/060-000
Socket; 4-pole; Cod. B; 4,00 mm²; gray

www.wago.com/770-244/060-000

Required accessories

Cover

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**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

2D/3D Models 770-854/060-000	URL	Download
PCB Design Symbol and Footprint 770-854/060-000 CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.		

PCB Design

Symbol and Footprint 770-854/060-000	URL	Download
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!		

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!

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- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

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

CAE data

	URL	Download
ZUKEN Portal 770-854/060-000		

Environmental Product Compliance

Compliance Search

	URL	Download
Environmental Product Compliance 770-854/060-000		
Plug for PCBs; straight; 4-pole; Cod. B; gray		

Installation Notes

Product family

<i>WINSTA</i>® MIDI
[Show all products from the family](#)

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