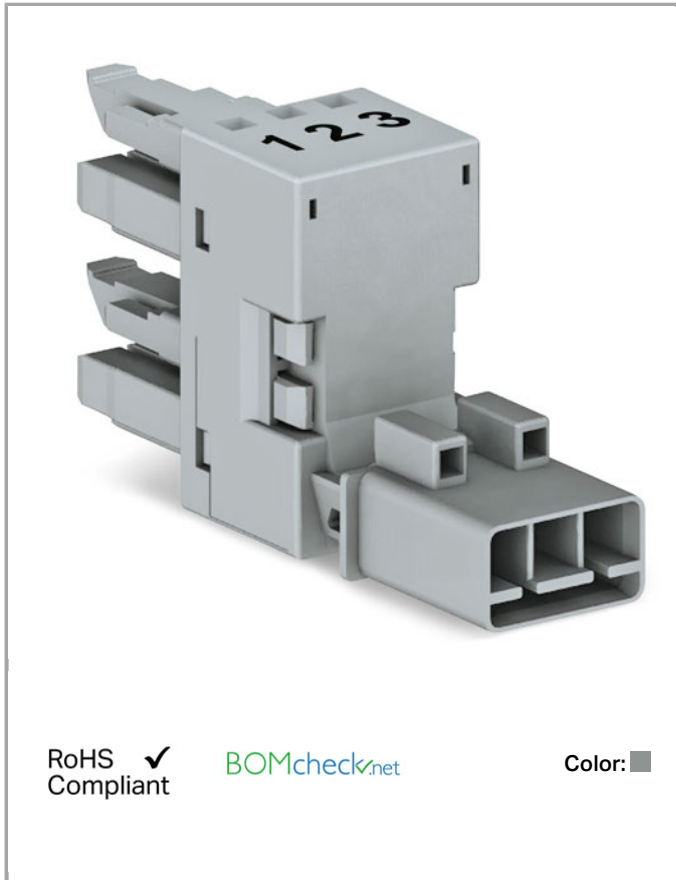


Data sheet | Item number: 890-1661

h-distribution connector; 3-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 2 locking levers; gray



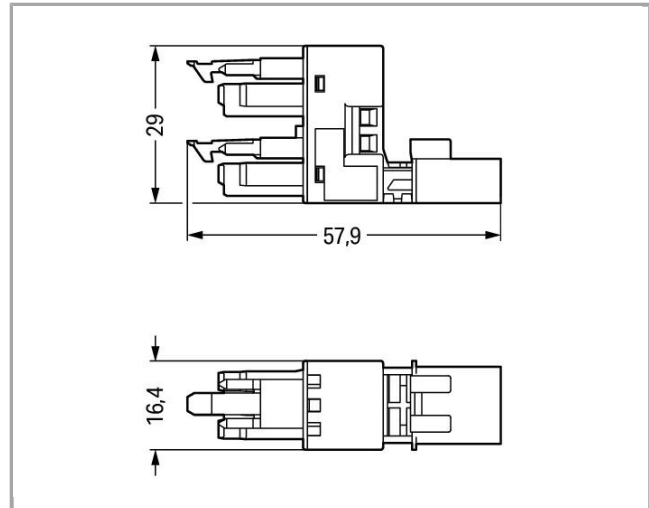
890-1661



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:



Item description

- Protected against mismatching and maintenance-free
- Compact design with 4.4 mm pole spacing
- Components can be clearly printed on and color-coded to meet custom requirements

Note:

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).

Safety information 1:

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 5 A and voltages up to 600 V. For further information, please contact your local sales office.

Data

Electrical data

Note on Contact Resistance	approx. 1mΩ contact resistance approx. 0.25mΩ contact transition plug/socket
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Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	16 A

Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	14 A

Connection data

Total number of potentials	3
No. of poles	3

Geometrical Data

Pin spacing	4.4 mm / 0.173 inch
Width	16.4 mm / 0.646 inch
Height	29 mm / 1.142 inch
Depth	57.85 mm / 2.278 inch

Mechanical data

Coding	B
Mating force of a plug-in connection	ca. 20 70 N (polzahlabhängig)
Retention force of a plug-in connection	When locked: > 80 N
Unmating force of a plug-in connection	ohne Verriegelung: ca. 20 70 N (polzahlabhängig)
Number of mating cycles	200, without resistive load 100, with resistive load $I_N = 16$ A, tested (1.5 mm ² /16 AWG)
Type of distribution connector	h-distribution connector, unidirectional
Marking	1 2 3
Protection class	IP20
Note on protection class	Only in mated condition (These compact connectors are not designed for use in open, easily accessible areas.)

Potential marking	1 2 3
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Plug connection

Contact type (pluggable connector)	Socket/plug
Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	yes

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.239 MJ
Weight	13.443 g

Environmental Requirements



Processing temperature	-5 +40 °C
Continuous operating temperature	-35 +85 °C
Note on Continuous Service Temperature	Insulating parts for temperatures ≤ 105 °C

Commercial data



Product Group	20 (WINSTA)
Country of origin	DE
GTIN	4050821530770
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals



Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 61984	NL-52879
	CB DEKRA Certification B.V.	EN 61984	71-100413
	CCA DEKRA Certification B.V.	EN 60320	2148952.04

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6
	LR Lloyds Register	EN 61535	08/20047 (E2)

Compatible products

assembling

	Item no.: 890-623 Mounting plate; 3-pole; for distribution connectors; Plastic; black	890-623
	Item no.: 890-673 Mounting plate; 3-pole; for distribution connectors; Plastic; white	890-673

Downloads

Documentation

Bid Text

890-1661	doc 23.0 kB	Download
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CAD/CAE - Smart Data

CAD data

3D Download 890-1661	URL	Download
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WSCAD

WSCAD Universe	Download
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Subject to changes.
