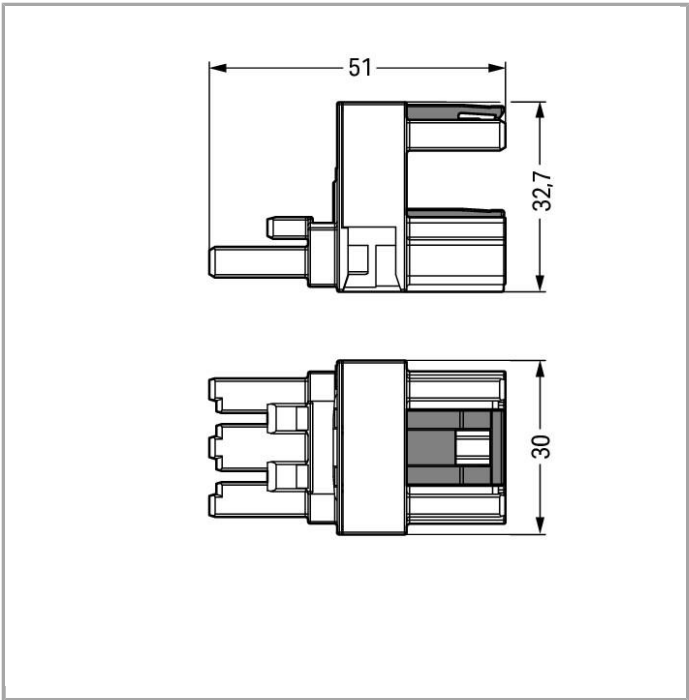
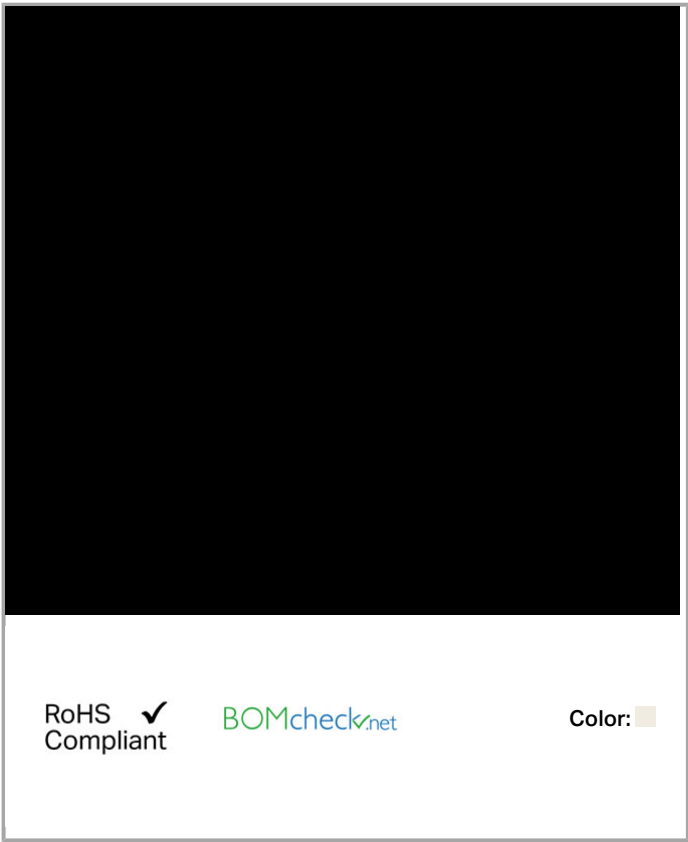


Data sheet | Item number: 770-683

h-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; outputs on both sides; 2 locking levers

www.wago.com/770-683



Item description

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).

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	25 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3



Connection data

No. of poles	3
Total number of potentials	3
Ground function	with preceding GND contact

Geometrical Data

Pin spacing	10 mm (0.394 inch)
Width	30 mm / 1.181 inch
Height	32.7 mm / 1.287 inch
Depth	51 mm / 2.008 inch

Mechanical data

Coding	A
Mating force of a plug-in connection	approx. 20 ... 70 N (depending on pole number)
Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	when unlocked: approx. 20 ... 70 N (depending on pole number)
Type of distribution connector	h-distribution connector, bi-directional
Marking	L N
Degree of protection	IP20
Potential marking	L N

Plug connection

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

Material Data

Color	white
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.388 MJ
Weight	22.788 g

Environmental Requirements

Surrounding air (operating) temperature	-35 ... 85 °C
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Commercial data

Country of origin	DE
GTIN	4045454251550
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	2173495.02
	CCA DEKRA Certification B.V.	NL-32105

Ship Approvals

Logo	Approval	Certificate name
	ABS American Bureau of Shipping	14-HG1241528-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	TAE00001Z6
	LR Lloyds Register	02/20050 (E6)

UL-Approvals

Logo	Approval	Certificate name
	cULus Underwriters Laboratories Inc.	E45171 Sec. 9

Compatible products

assembling

	Item no.: 770-623 Mounting plate; for distribution connector	www.wago.com/770-623
	Item no.: 770-673 Mounting plate; for distribution connector	www.wago.com/770-673



protection

Item no.: 770-201

Lockout cap; for socket; 12-pole; separable

www.wago.com/770-201
Item no.: 770-221

Lockout cap; for socket; 12-pole; separable

www.wago.com/770-221
Item no.: 770-360

Lockout cap; for plugs; 5-pole; separable

www.wago.com/770-360

Downloads

Documentation

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770-683

Feb 1, 2016

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