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# Summary

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Number of contacts Low Voltage	20
Gender	Standard
Locking system	Push-pull
Size	3T
Series	T - Small Outdoor keyed

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	20
Contact Termination Low voltage	PCB - Straight
R (max)	6.1 mOhm
Insert configuration value	T.320 - 20 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Vtest (contact-contact)	1000 V (AC), 1400 V (DC)
Vtest (contact-shell)	900 V (AC), 1270 V (DC)
Contact Dia.	0.7 mm (0.028in)
Gender	Standard

## Form & Material

Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey

## Environment

Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Resistance to vibration	15 g [10 Hz - 2000 Hz]
Shock Resistance	100 g [ 6 ms]
Salt Spray Corrosion	>1000 hr

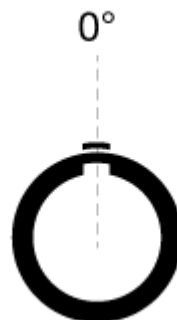
## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
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[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/fag-3t-320-cld.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fag-3t-320-cld.html)

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# Drawings



[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/fag-3t-320-cld.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fag-3t-320-cld.html)

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