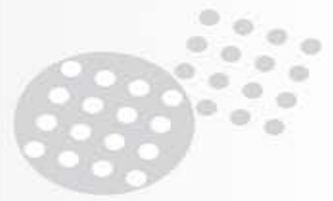


TRIM TRIO[®] screw termination contacts



Features

- Only a standard screwdriver is needed to fit the wires to the contacts
- Contact accepting a wide range of wires
- Rapid mating with 1/3 turn with an audible & sensitive "click"
- Dynamic IP68/69K water protection
- Rapid & secure mating - min 250 mating cycles
- High salt spray resistance
- Male connectors have a grounding contact
- RoHS compliant

Applications

- Tunnel fans
- Videosurveillance
- Traffic control
- Parking detection systems
- Meteorological measurement systems
- and there is more

UTS with screw contact termination is perfect for field installation

Description

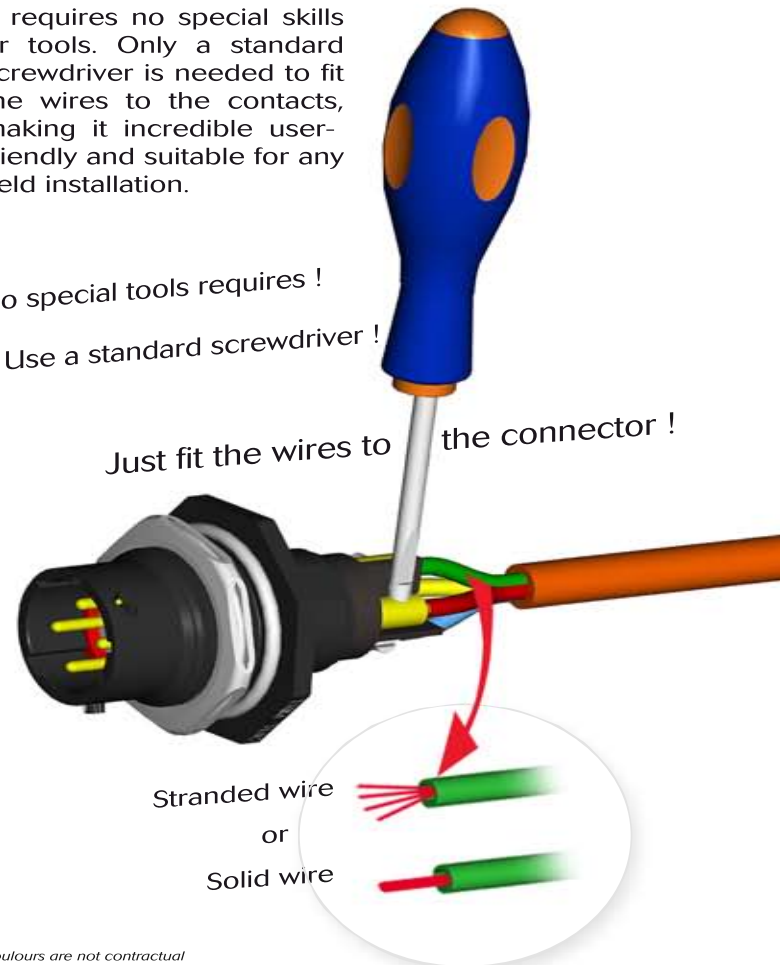
UTS, part of the well-known TRIM TRIO[®] interconnection system

UTS series with screw termination contacts combines extreme sealing performance, rapid & secure connector mating with the ease of wire termination.

It requires no special skills or tools. Only a standard screwdriver is needed to fit the wires to the contacts, making it incredible user-friendly and suitable for any field installation.

No special tools requires !

Use a standard screwdriver !



UTS : your first choice in waterproof connectors !



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TRIM TRIO[®] screw termination contacts

Technical characteristics

Mechanical

- Durability 250 cycles
- Thermal shock Per MIL-std 1344 method 1003
- Screw tightening torque 40 Ncm

Electrical

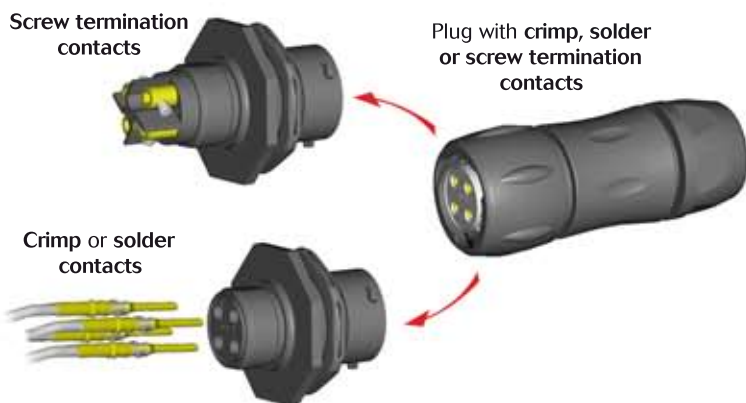
- Current rating 13 Amp
- Insulation resistance 5000 MΩ min
- Test potential 2000 Vac
- Wire acceptance 0.5mm² to 2.5mm²
- Rated voltage 320 V class III, PD 2 per **VDE0110** (IEC 60664-1)
- Rated voltage per UL1977 type 2 500 V

Environmental

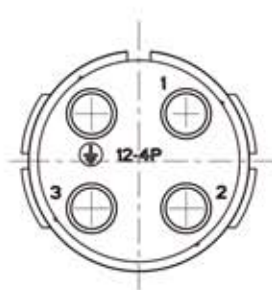
- Operating temperature from -40°C to +105°C
- Flammability rating UL94V0 and NFF16102 level 2
- Sealing (mated) Dynamic IP68/69K
- UV resistant Sun and moisture as per ISO 4892
- Salt spray resistance 500 hours

Material

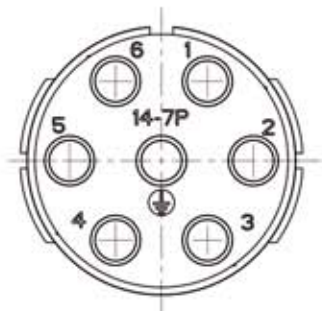
- Connectors + backshells Thermoplastic
- Contacts High conductive copper alloy
- Min 0.4µm gold plating
- RoHS compliant



Available arrangements



Size 12-4
3 + Grounding



Size 14-7
6 + Grounding

TRIM TRIO[®] screw termination contacts

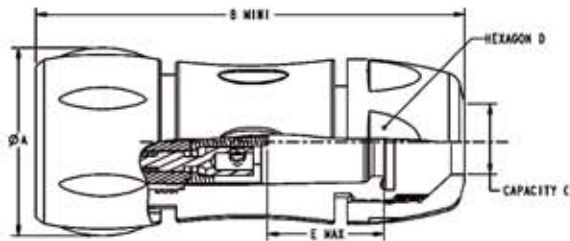
Range presentation

Plug

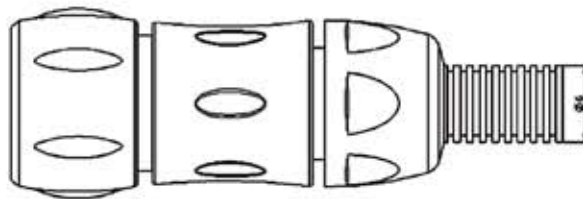


UTS6JC124PSCR (male)
UTS6JC124SSCR (female)

UTS6JC147PSCR (male)
UTS6JC147SSCR (female)



Shell size	12	14
Layout	4 (3+1)	7 (6+1)
ØA	29.7	34.6
B min.	66.7	71.5
Capacity C / Standard	5.0/12.0	7.0/14.0
Capacity C / Reducing seal	3.0/9.0	5.0/12.0
Hexagon D	24.0	26.0
E max.	female male	26.7 18.95



The standard plug and In-line receptacle (see below) can be fitted with a flexible conduit - not delivered by SOURIAU.

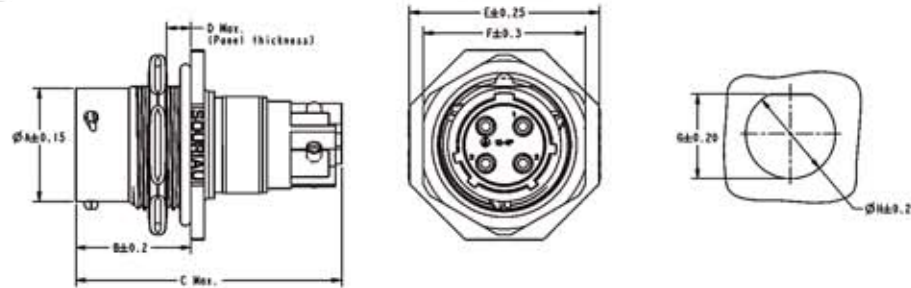
For all other requests, please consult the factory.

Jam nut receptacle



UTS7124PSCR (male)
UTS7124SSCR (female)

UTS7147PSCR (male)
UTS7147SSCR (female)



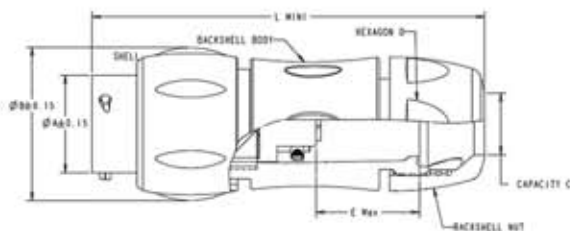
Shell size	Layout	A	B	C max male	C max female*	D max	E	F	G	H
12	4 (3+1)	19.0	19.3	46.5	38.3	3.2	31.8	27.0	21.2	22.5
14	7 (6+1)	22.2	19.3	52.5	44.4	3.2	34.9	30.2	24.3	25.7

* Rear mounting only

In-Line receptacle



UTS1JC124PSCR (male)
UTS1JC147PSCR (male)



Shell size	12	14
Layout	4 (3+1)	7 (6+1)
ØA	19.0	22.2
B	29.7	34.6
L mini	74.0	78.5
E	21.5	26.5
Capacity C / Standard	5.0/12.0	7.0/14.0
Capacity C / Reducing seal	3.0/9.0	5.0/12.0
Hexagon D	24.0	26.0

Note : all dimensions are in mm

TRIM TRIO® screw termination contacts

Ordering information

Connector family		Receptacle	UTS	7	-	12	4	P	SCR
		Plug	UTS	6	JC	12	4	S	SCR
		In line	UTS	1	JC	12	4	P	SCR
Body variation	7 : Jam nut receptacle								
	6 : Cable plug								
	1 : In line receptacle								
Backshell	JC : IP68/69K backshell (only plug + free hanging)								
Shell size	12 or 14								
Number of contacts	4 or 7								
Type of contacts	P : male								
	S : female								
Contact termination	SCR : Screw termination								

Accessories

Receptacle sealing cap



Part numbers :
Size 12 : UTS12DCG
Size 14 : UTS14DCG

Plug sealing cap



Part numbers :
Size 12 : UTS612DCG
Size 14 : UTS614DCG

Colour coding rings



Part numbers for receptacle:

Size 12 : UTS712CCR*

Size 14 : UTS714CCR*

* Add G for Green, Y for Yellow, Ro for Red

Part numbers for plug:

Size 12 : UTS612CCR*

Size 14 : UTS614CCR*

* Add G for Green, Y for Yellow, Ro for Red

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