



Trim Trio™ Sealed Plastic Circular Connectors

Trim Trio™ sealed plastic circular connectors address the need for economical, lightweight, and robust circular connectors. They are ideal for indoor and outdoor applications. These rugged connectors offer superior performance against water ingress, even in dynamic situations. They are available in jam nut or square flange receptacles for cable-to-panel applications, and in-line receptacles for cable-to-cable applications.

Features ▶

- Environmentally sealed to IP 68/69K
- Full plastic construction
- Bayonet locking system
- Suitable for Trim Trio power, coax, and fiber optic contacts
- Optional PCB tail contacts

Benefits ▶

- Suitable for indoor and outdoor applications
- Rugged construction
- Reliable and secure mating
- Simplified cabling
- Direct PCB mounting

Applications ▶

- 3G, WiMAX base stations
- Outdoor electronic displays and billboards
- Telecom routers and enclosures
- Medical testing and measurement equipment
- Industrial capital equipment

Product Specifications ▶

Part Number (for "live" box setup)	Description	Alternate Part Number (for "live" cable setup)	Contact Positions	Maximum Current per Contact (A)	Working Voltage (VAC)	Wire Range (AWG)	Cable Range (mm)	Water Sealing Level
UTS6JC103P	Cable plug	UTS6JC103S	3	13	500	14-30	2-6	IP 68/69K
UTS7103S	Jam nut receptacle	UTS7103P	3	13	500	14-30	2-6	IP 68/69K
UTS6JC104P	Cable plug	UTS6JC104S	4	13	500	14-30	2-6	IP 68/69K
UTS7104S	Jam nut receptacle	UTS7104P	4	13	500	14-30	2-6	IP 68/69K
UTP0104SH	Square flange receptacle	UTP0104PH	4	13	500	14-30	2-6	IP 68
UTS6JC124P	Cable plug	UTS6JC124S	4	13	500	14-30	3-7	IP 68/69K
UTS7124S	Jam nut receptacle	UTS7124P	4	13	500	14-30	3-7	IP 68/69K
UTS6JC106P	Cable plug	UTS6JC106S	6	7.5	250	18-26	2-6	IP 68/69K
UTS7106S	Jam nut receptacle	UTS7106P	6	7.5	250	18-26	2-6	IP 68/69K
UTS6JC147P	Cable plug	UTS6JC147S	7	13	500	14-30	6-9	IP 68/69K
UTS7147S	Jam nut receptacle	UTS7147P	7	13	500	14-30	6-9	IP 68/69K
UTS6JC128P	Cable plug	UTS6JC128S	8	13	500	14-30	3-7	IP 68/69K
UTS7128S	Jam nut receptacle	UTS7128P	8	13	500	14-30	3-7	IP 68/69K
UTP0128SH	Square flange receptacle	UTP0128PH	8	13	500	14-30	3-7	IP 68
UTS6JC1210P	Cable plug	UTS6JC1210S	10	7.5	250	18-26	3-7	IP 68/69K
UTS71210S	Jam nut receptacle	UTS71210P	10	7.5	250	18-26	3-7	IP 68/69K
UTS6JC1412P	Cable plug	UTS6JC1412S	12	13	500	14-30	6-9	IP 68/69K
UTS71412S	Jam nut receptacle	UTS71412P	12	13	500	14-30	6-9	IP 68/69K
UTP01412SH	Square flange receptacle	UTP01412PH	12	13	500	14-30	6-9	IP 68
UTS6JC1419P	Cable plug	UTS6JC1419S	19	7.5	250	18-26	6-9	IP 68/69K
UTS71419S	Jam nut receptacle	UTS71419P	19	7.5	250	18-26	6-9	IP 68/69K

Related Information ▶

For Contact Selector see page 69.



Jam nut
receptacle



Square flange
receptacle



Cable plug



Trim Trio™ Sealed Metal Circular Connectors

Trim Trio™ sealed metal circular connectors are ideal for indoor and outdoor applications. These rugged connectors offer superior performance against water ingress, even in dynamic situations. They are available in jam nut and square flange receptacles for cable-to-panel applications, and in-line receptacles for cable-to-cable applications.



Features ▶

- Environmentally sealed to IP 68/69K
- Metal shell and coupling ring
- Bayonet locking system
- Suitable for Trim Trio power, coax, and fiber optic contacts
- Optional PCB tail contacts

Benefits ▶

- Suitable for indoor and outdoor applications
- Rugged construction
- Reliable and secure mating
- Simplified cabling
- Direct PCB mounting

Applications ▶

- 3G, WiMAX base stations
- Robotics and automation
- Construction equipment
- Medical testing and measurement equipment
- Industrial capital equipment

Product Specifications ▶

Part Number (for "live" box setup)	Description	Alternate Part Number (for "live" cable setup)	Contact Positions	Maximum Current per Contact (A)	Working Voltage (VAC)	Wire Range (AWG)	Cable Range (mm)	Water Sealing Level
UT06104PH	Cable plug	UT06104SH	4	13	500	14-30	2-6	IP 68/69K
UT07104SH6	Jam nut receptacle	UT07104PH6	4	13	500	14-30	2-6	IP 68/69K
UT00104SH6	Square flange receptacle	UT00104PH6	4	13	500	14-30	2-6	IP 68/69K
UT06106PH	Cable plug	UT06106SH	6	7.5	250	18-26	2-6	IP 68/69K
UT07106SH6	Jam nut receptacle	UT07106PH6	6	7.5	250	18-26	2-6	IP 68/69K
UT00106SH6	Square flange receptacle	UT00106PH6	6	7.5	250	18-26	2-6	IP 68/69K
UT06128PH	Cable plug	UT06128SH	8	13	500	14-30	3-7	IP 68/69K
UT07128SH6	Jam nut receptacle	UT07128PH6	8	13	500	14-30	3-7	IP 68/69K
UT00128SH6	Square flange receptacle	UT00128PH6	8	13	500	14-30	3-7	IP 68/69K
UT061210PH	Cable plug	UT061210SH	10	7.5	250	18-26	3-7	IP 68/69K
UT071210SH6	Jam nut receptacle	UT071210PH6	10	7.5	250	18-26	3-7	IP 68/69K
UT001210SH6	Square flange receptacle	UT001210PH6	10	7.5	250	18-26	3-7	IP 68/69K
UT061412PH	Cable plug	UT061412SH	12	13	500	14-30	6-9	IP 68/69K
UT071412SH6	Jam nut receptacle	UT071412PH6	12	13	500	14-30	6-9	IP 68/69K
UT001412SH6	Square flange receptacle	UT001412PH6	12	13	500	14-30	6-9	IP 68/69K
UT061419PH	Cable plug	UT061412SH	19	7.5	250	18-26	6-9	IP 68/69K
UT071419SH6	Jam nut receptacle	UT071419PH6	19	7.5	250	18-26	6-9	IP 68/69K
UT001419SH6	Square flange receptacle	UT001419PH6	19	7.5	250	18-26	6-9	IP 68/69K

Related Information ▶

For Contact Selector see page 69.



Jam nut
receptacle



Square nut
receptacle



Cable plug



Trim Trio™ Mixed Power and Signal Connectors

Trim Trio™ mixed power and signal connectors simplify equipment design and cable management by integrating signal and power connections into one composite cable. This compact package makes optimum use of the panel space.

Features ▶

- Wire gauge of 8 AWG to 30 AWG
- Identified grounding contacts
- Bayonet locking system
- Plastic connector with metal coupling
- VDE versions available

Benefits ▶

- Current rating of 3A to 44A per contact
- Suitable for chassis ground use
- Reliable and secure mating
- Highly durable, lightweight, and economical
- International acceptance

Applications ▶

- Motion control
- Professional lighting and theatrical controls
- Robotics and automation
- Smart power distribution units (PDU)
- Telecom power supply and distribution

Product Specifications ▶

Part Number (for "live" box setup)	Description	Alternate Part Number (for "live" cable setup)	Contact Positions	Maximum Current per Contact (A)	Working Voltage (VAC)	Wire Range (AWG)	Cable Range (mm)	VDE 0110 Group C	Water Sealing Level
UTS6JC103P	Cable plug	UTS6JC103S	2P + 1G	13	500	14-30	2-6	Yes	IP 68/69K
UTS7103S	Jam nut receptacle	UTS7103P	2P + 1G	13	500	14-30	2-6	Yes	IP 68/69K
UTS6JC124P	Cable plug	UTS6JC124S	3P + 1G	13	500	14-30	3-7	Yes	IP 68/69K
UTS7124S	Jam nut receptacle	UTS7124P	3P + 1G	13	500	14-30	3-7	Yes	IP 68/69K
UTG6103W3PN	Cable plug	NA	3P + 3S	13	250	14-30	2-6	No	NA
UTG1103W3S	Cable receptacle	NA	3P + 3S	13	250	14-30	2-6	No	NA
UTS6JC147P	Cable plug	UTS6JC147S	6P + 1G	13	500	14-30	6-9	Yes	IP 68/69K
UTS7147S	Jam nut receptacle	UTS7147P	6P + 1G	13	500	14-30	6-9	Yes	IP 68/69K
UTG6123PN	Cable plug	NA	3	26	250	12-16	3-7	No	IP 65
UTG0123SH	Square flange receptacle	NA	3	26	250	12-16	3-7	No	IP 65
UTG6148P24SNVDE	Cable plug	NA	3P + 4S + 1G	26	250	12-30	6-9	Yes	IP 65
UTG0148P24PHVDE	Square flange receptacle	NA	3P + 4S + 1G	26	250	12-30	6-9	Yes	IP 65
UTG6187PNVDEE34	Cable plug	UTG6187SNVDEE34	6P + 1G	26	380	12-16	7-12	Yes	IP 65
UTG0187SHVDEE34	Square flange receptacle	UTG0187PHVDEE34	6P + 1G	26	380	12-16	7-12	Yes	IP 65
NA	Cable plug	UTG62411SN	3P + 7S + 1G	44	600	8-30	13-20	Yes	IP 65
NA	Square flange receptacle	UTG02411PH	3P + 7S + 1G	44	600	8-30	13-20	Yes	IP 65

Related Information ▶

Trim Trio Signal/Power Contact Selector

	CONTACT			WIRE SIZE (AWG)													
	SIZE	TYPE		30 - 28	26 - 24	22 - 20	20	18	16	14	12	10	8				
Current Rating	5 AMP	SIZE 20	STAMPED		SC20MV1_ SC20V1_												SOCKET
					SM24MV1_ SM20V1_												PIN
	7.5 AMP	SIZE 20	MACHINED		RC24MV3_ RC20V3_	RC18V3_											SOCKET
					RM24MV3_ RM20V3_	RM18V3_											PIN
	13 AMP	SIZE 16	STAMPED		SC24M1_ SC20M1_		SC16M1_		SC14M1_								SOCKET
					SM24M1_ SM20M1_		SM16M1_		SM14M1_								PIN
13 AMP	SIZE 16	MACHINED		RC20M1_ RC24M3_ RC20M12_	RC16M23_			RC14M30_								SOCKET	
				RM20M1_ RM24M3_ RM20M12_	RM16M23_			RM14M30_								PIN	
26 AMP	SIZE 12	MACHINED						B291-14								SOCKET	
								B291-14								PIN	
44 AMP	SIZE 8	MACHINED						B291-16								SOCKET	
								B291-16								PIN	