

BROCHURE

**EVENT INDUSTRY
MULTI-PIN
CIRCULAR
CONNECTORS**



PHASE 3
CONNECTORS

SHOWSAFE

RELIABLE. SAFE. ROBUST. MADE FOR LIFE ON THE ROAD.

- PHASE 3

MULTI-PIN CIRCULAR CONNECTORS

Phase 3's Showsafe range of UL approved multi-pin connectors have been developed to deliver the highest levels of **reliability** and **safety**.

Available in **3, 5, 7** and **19 Pin** format for the events industry.

The super robust construction of the circular connectors ensures **reliable operation**.

The rugged design has been tailored specifically for professional touring applications and all connectors are **fully socapex compatible**.

SPIDER CLAMP

The Showsafe Spider Clamp offers cable strain relief combined with watertight sealing when using 6 individual cables in breakout applications. The design incorporates our "Spider Trap" mechanical grip mechanism which individually grips each cable jacket. The trap can be quickly and easily orientated to facilitate different cable diameters. A separate silicone grommet ensures a watertight assembly.

GRUB SCREW

Backshells are supplied with left-hand threads, which when torqued correctly during assembly will remain secure. For added security the shells also include a grub screw which can be tightened to lock the shell.

THICK-WALLED COUPLING NUTS

For maximum impact and wear resistance, coupling rings have thick wall sections and are machined from high grade alloys with an anodised finish. The ergonomic grip allows for easy mating in all conditions, various colours are available on request.

INSERT MARKING

Inserts are marked with the industry standard 6 circuit wiring, identifying Earth, Neutral and Live pin positions.



FINEST QUALITY MANUFACTURING

Showsafe Connectors are sealed to IP67 when mated, making them water and dust proof for festivals worldwide. The sand of Benicassim? The mud and rain of Glastonbury? No problem.

The socapex type connectors are tough for touring. The aluminium body has a black anodised, non-conductive finish that offers scratch resistance and features a heavy duty ribbed coupling ring. For ease of use, Showsafe have six-circuit identification on both sides of the insert; a recessed area in the back of the insert is provided to accept grounding rings. The connectors are available in both Inline and panel mount versions in male or female form. Excellent connections are ensured with a multi-point gold plated contact in either solder or crimp. As one of the most adaptable stage connectors in the events industry, they accommodate wire sizes from 12 to 14 AWG (1.5-2.5mm²)



700 VDC

500 VAC

41A MAX

25A RATED

+125 MAX

-55°C MIN

GOLD

CONTACT
PLATING

IP67

WHEN
MATED

TECHNICAL PARAMETERS

- Socapex SL419 Compatible
- **High Impact all machined shells**
- Easy grip heavy duty coupling ring
- **Thick wall section backshells (with locking screw)**
- Integral insulation sleeves
- **M40 metric cable glands** (bush sizes 10-32mm)
- Inserts marked with lighting circuit wiring
- **IP67 when mated**
- FMLB Earth contacts
- **Multipoint gold plated contacts**
- ROHS Compliant
- UL Approved



CUSTOMISATION & ACCESSORIES

Ask Phase 3 about the Showsafe accessories and custom extras you can add to your quote.

1. CONTACTS

Contacts are screw machined copper alloy with a gold plated finish. The multipoint contact design ensures low contact resistance and optimal current carrying capacity.

2. COUPLING RINGS

Coloured anodised coupling rings can be used to quickly identify cable types or to enhance and customize your connectors. Company logos and names can also be added to the bodies.

3. SPLITTER UNIT

A tough rubber moulding fitted with an incoming male 19 pin plug and 2 female 19 pin sockets. The splitter units can be wired either in series or parallel connection.

4. PORTABLE DIAGNOSTIC TOOL

Performs essential tests for continuity, displays each individual circuit, portable or bench mounted, 48 hrs continuous use indoors or outdoors, no buttons or user programming required.



SEE MORE AT CTALS.COM.AU

Submit Your Quote Request to:

Email: info@connector-techals.com.au

Website: ctals.com.au

Phone: 07 3376 4900



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PIN AMOUNT	CONTACTS	GENDER	SHELL	CABLE RANGE
19 Pin Connectors	Solder or Crimp	Male or Female	Inline / 1.5 cable Inline / 2.5 cable Inline / Breakout Spider Clamp for 1.5 cable Spider Clamp for 2.5 cable Chassis Female (Panel Mount) Chassis Male (Panel Mount)	10-16mm 16-28mm 22-32mm 6 x max OD 10mm 6 x max OD 12mm N/A N/A
7 Pin Connectors	Solder or Crimp	Male or Female	Inline Cable Extended Backshell Chassis Female (Panel Mount) Chassis Male (Panel Mount)	11-21mm 11-21mm N/A N/A
5 Pin Connectors	Solder or Crimp	Male or Female	Inline Cable Extended Backshell Chassis Female (Panel Mount) Chassis Male (Panel Mount)	11-21mm 11-21mm N/A N/A
3 Pin Connectors	Solder or Crimp	Male or Female	Inline Cable Extended Backshell Chassis Female (Panel Mount) Chassis Male (Panel Mount)	11-21mm 11-21mm N/A N/A

TO ORDER, USE THE GUIDELINES ABOVE TO SEE THE PRODUCT VARIATIONS

PART NUMBERS CAN BE REQUESTED FROM INFO@CONNECTOR-TECHALS.COM.AU

FULL LIST OF PART NUMBERS, TEST REPORTS, QUALITY CERTIFICATES AND SPECIFICATIONS AVAILABLE AT P3CONNECTORS.COM

PART NUMBER	PRODUCT	PART NUMBER	PRODUCT
T000013	AF8 Crimp Tool	T000033	Backshell Allen Key
T000037	AF8 Turret Assembly	PP00465	Chassis Mounting Gasket
T000034	Contact Insertion Tool	PP00577	Grounding Rings
T000035	Contact Removal Tool		