



BUBE SEALER BUBE BON BON

SINGLE

High Current Capacity

The connector's advanced contact design achieves its 800A* continuous rating by utilizing an arrangement of 29 transfer bridges. Each transfer bridge is rated at 30A, giving a total of 870A* per contact.

International Electrical Color Coding Standards

Region	Earth Key E	Neutral Key N	Line 1 Key 1	Line 2 Key 2	Line 3 Key 3
Europe & UK (Harmonized)					
UK (Traditional)					
Australia					
USA					



Range - Key Specifications

No of Contacts:	1	
Maximum Continuous Current Rating*:	Up to 800A	
Surge Current:	75kA	
Short Circuit Rating:	Up to 35.5kA	
Cables Cross Sectional Area C.S.A.:	25 mm ² to 300 mm ²	
Contact Termination:	Screw or Crimp	
Mating Method:	Bayonet Lock	
Operating Voltage:	1000V AC	
Max Rated Voltage to Earth:	2kV AC / 3kV DC	
Minimum Flashover:	9.5kV DC or AC Peak	
Insulation Resistance:	> 5M ohms @ 500V DC	
Ingress Protection**:	IP67	
Protection against Electrical Shock:	IP2X	
Flammability:	UL94-V0	
Mating Cycles:	> 500	
Shell Material:	High Temperature Thermoplastic	
Contact Plating:	Silver	

*Subject to environmental factors and cable choice etc.

**In accordance with EN60529.

Single Pole Connectors

Sure-Seal single pole connectors are a popular choice for engineers working in harsh environments across the globe. With a rugged design and excellent reliability and quality, they are the go-to option for high-power systems in entertainment & industrial applications.

Design

These connectors are designed with impressive technical capabilities and added safety features in order to connect single and three-phase high-current power circuits. They are available in cable and panel-mount formats with either crimp or screw contacts.

Safety Features

Safety is of the utmost importance in high-current applications. Every Sure-Seal single pole connector features finger-proofed electrical contacts in order to cut down on the risk of accidental contact when a live current is running through it. They are rated at 500A and 800A for single core cables from 25 – 300 mm², ranking them among the safest connectors in their class. They also feature a secondary locking system which can only be unlocked with a key.







Key Features:

- IP67 ingress protection
- Flame retardant (UL94-V0)
- High impact bodies & high temperature-resistant materials
- Rubber hand grip for ease of coupling and added impact protection
- 800A maximum (505A UL Product)
- Color coded & mechanically keyed to prevent connection errors
- Locking mechanism to prevent accidental disconnection under load
- Finger-proof contacts to prevent access to electrical contacts when uncoupled (M & F)
- Multipoint, self-wiping contact area
- Integral cable strain relief
- Metric EN-compliant cable glands, with increased cable clamping range
- No special tools required for assembly
- Daisy chain hook-up system
- Panel mount connector & mounting plates
- Rubber protective caps to protect connectors from moisture, dirt and abrasion when uncoupled (optional)

How to Order

Sure-Seal Line Connectors

1	2		3		4		5	6		7	8
IPSLS		-	Е	-	GN	-	S	120	-	M40A	-UL
SERIES	ORIENTATION		KEY POSITION		COLOR		CONTACT TYPE	CABLE SIZE		CABLE SEALING RANGE	UL RATING

SERIES

IPSLS = Line Source IPSLD = Line Drain

ORIENTATION

	=	Straight (leave blank for straight)
-RA	=	Right angled*

KEY POSITION

E = Earth

N = Neutral 1 = Line 1

2 = Line 2

3 = Line 3

COLOR

GN = Green	BK = Black	Y = Yellow
BL = Blue	GY = Grey	W = White
BN = Brown	R = Red	OR = Orange

* Right angled connectors available for 30-240 mm² cables

** Bi metal contacts are not available for UL listed product

and only available in 120 mm^2 - 150 mm^2

Sure-Seal Panel Connectors

CONTACT TYPE

S = Set Screw

C = Crimp

L = Cable Lug (RA only)

AC = Bi Metal Crimp** (for use with Aluminum cable only)

CABLE SIZE

120 = 120 mm ²	240 = 240 mm ²
150 = 150 mm ²	300 = 300 mm ²
185 = 185 mm ²	

additional sizes available upon request

CABLE SEALING RANGE

UL RATING

= Standard (leave blank for non-UL) -UL = UL Listed

non-UL | Set screw up to 150 mm², Crimp up to 300 mm²

UL | Set screw contacts up to 120 mm² (250 kcmil) Crimp up to 150 mm² (300 kcmil)

1		2		3		4	5
IPSPD	-	E	-	GN	-	Т5	-UL
SERIES		KEY POSITION		COLOR		CONTACT TYPE	UL RATING

SERIES

IPSPS = Panel Source IPSPD = Panel Drain

KEY POSITION

E = Earth N = Neutral 1 = Line 1 2 = Line 2 3 = Line 3

COLOR

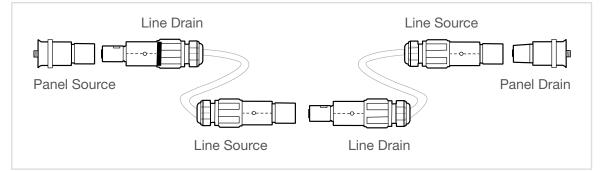
GN = Green	BK = Black	Y = Yellow
BL = Blue	GY = Grey	W = White
BN = Brown	R = Red	OR = Orange

CONTACT TYPE

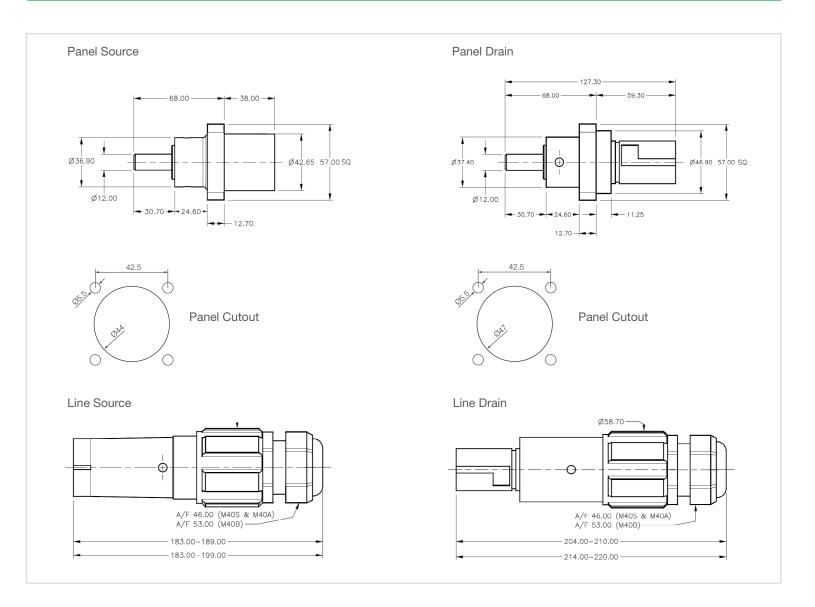
T5 = M12 Threaded Post (500A / 455A UL) T8 = M12 Threaded Post (800A / 600A UL)

UL RATING

= Standard (leave blank for non-UL) -UL = UL Listed



Product Dimensions



Right Angled Connectors



Sure-Seal Right Angled Connectors allow cables to be hung at 90 degrees when connected to Panel Mount Connectors. The device allows for reduced cable protrusion, this is a useful option where minimal space is available for connection of temporary power cables.

The Right Angled Connector is fully compatible with all other Sure-Seal connectors. Termination of the cable is simple with nothing more than spanner required. A cable lug can be locked onto a threaded post inside the backshell. Standard sizes are supplied with a 120 x M12 Lug. Source, and Drain configurations can be supplied. Other colors and sizes are available.





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