



Snap-in IP 67



The perfect connector ...?

 **binder**_{UK}
Snap-in IP 67 Connectors



The perfect connector ...?

Drawing on over 50 years' experience as an innovator and market leader in the field of industrial circular connectors, Binder's snap-in IP67 series, designed and manufactured in Germany, offers the perfect balance of value and performance.

Simple and innovative, the all-plastic modular design provides economy without compromising performance. Quality materials are used throughout with polyamide housings, polyurethane moulded cables and gold plated contacts - brass pins and phosphor bronze sockets.

One design, two sizes

Two sizes accommodate 3 to 12 contacts with the flexibility of male or female options in both connectors and sockets. Internal elastomeric seals mean the range is dust and waterproof to IP67 with excellent electrical characteristics of up to 7A and 250V.

The unique snap-in locking offers fast and convenient mating even in areas of restricted access and provides over 500 mating cycles making them ideal for a wide variety of applications including, but not limited to, instrumentation, communications, medical, security and LED lighting systems.



Cable Connectors

- Compact & lightweight
- Male & female versions
- Cables up to 8mm dia.
- In-line mating



Protection to IP 67

- Internal elastomeric seals
- Dust tight
- Water resistant to 1m for 30 minutes



Moulded Cables

- PUR moulding & cable



Colour Coded Versions

- Provide simple coding options



Sockets

- Rear fastening
- Male & female versions
- Solder bucket
- Dip solder for PCB



Adaptors

- Front fastening
- Flush mount, rear fastened



Protection Caps

- Connectors & sockets

	Series 620 - Sub-miniature				Series 720 - Miniature			
	3	4	5	8	3	5	8	12
Poles	3	4	5	8	3	5	8	12
Diameter x Length	11.5mm x 43mm				16.0mm x 57mm			
Wire Gauge	0.25mm ² / AWG 24				0.75mm ² / AWG 20		0.25mm ² / AWG 24	
Cable Outlet	3-5mm				2.5-4mm / 4-6mm / 6-8mm			
Temperature Range (Moulded)	-25°C +85°C (-20°C +70°C)				-25°C +85°C (-20°C to +70°C)			
Voltage	125V		63V		250V	125V		60V
Impulse Voltage	1500 V		800 V		2500 V	1500 V		800 V
Current (40°C)	3A	2.5A	2A	1A	7A	5A	2A	
Contact Resistance	≤ 3mΩ				≤ 3mΩ			



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