

OO2
PCB TERMINAL BLOCKS

O81
TERMINAL STRIPS

095 WIRE TO BOARD CONNECTORS

100 CIRCULAR CONNECTORS

151

158
INTERFACE
MODULES AND
RELAY BASES

Push-pull connectors female fixed socket CCB series

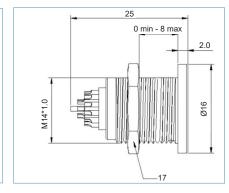


CCB3S1/19 19 pole

- Premium range of circular connectors
- IP68 sealed using vacuum technology (when connected and using environmental cable clamp)
- Tough, high performance interconnection solution
- Compact panel mounting design
- · Ideal for harsh and extreme environments
- Suitable for broadcasting, autosport, military, rail, marine, security, industrial and agricultural applications
- Key coded to prevent misconnection
- Will not disconnect when the cable is under load or stress
- Tested to IEC 60512-3-5a



PART NO.	DESCRIPTION	POLES	SERIES
CCB3S1/19	Female fixed socket	19	CCB series



SPECIFICATION Shell style/model Codes Code 1 Contact type Contact diameter O.5mm Max. stranded conductor Max diameter Vtest (contact-shell) Vtest (contact-contact) Rated current Housing material Housing material Insulator PPS Contacts Brass (gold plated) Humidity (max) Vest (and particular shell) Sheld ing (min) Post (particular shell) A type (particular shell) Solve (particular shell) D type fixed socket, female contact Octobal A type Solder type O.5mm AWG 26-28 BasoV(AC) 1400V(DC) Vtest (contact-shell) 100V(AC) 1900V(DC) Rated current 3.9A Rated voltage \$200V Mechanical operation Solo mating cycles Brass (natural chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces Insulator PPS Contacts Brass (gold plated) 495% [at 60°C /140°F] Vibration 15g [10 Hz - 2000 Hz] Shock resistance 100g [6 ms] Salt spray corrosion 72 hr Climatical category Sol/175/21 Shielding (min) 40 dB (1 GHz) IP rating IP rating IP rating contacted and using environmental cable clamp)		
Codes Code 1 Contact type Solder type Contact diameter O.5mm Max. stranded conductor AWG 26-28 Max diameter Vtest (contact-shell) Vtest (contact-contact) Rated current Rated voltage Housing material Brass (natural chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces Insulator PPS Contacts Brass (gold plated) Humidity (max) V=95% [at 60°C /140°F] Shock resistance Inog [6 ms] Salt spray corrosion Shielding (min) Vipating Shielding (min) PPS (when connected and using	SPECIFICATION	
Contact type Solder type Contact diameter 0.5mm Max. stranded conductor AWG 26-28 Max diameter 0.79mm Vtest (contact-shell) 800V(AC) 1400V(DC) Vtest (contact-contact) 1100V(AC) 1900V(DC) Rated current 3.9A Rated voltage \$200V Mechanical operation 5000 mating cycles Brass (natural chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces Insulator PPS Contacts Brass (gold plated) Humidity (max) <=95% [at 60°C /140°F]	Shell style/model	
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Max diameter 0.79mm Vtest (contact-shell) 800V(AC) 1400V(DC) Vtest (contact-contact) 1900V(DC) Rated current 3.9A Rated voltage ≤200V Mechanical operation 5000 mating cycles Housing material Brass (natural chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces Insulator PPS Contacts Brass (gold plated) Humidity (max) <=95% [at 60°C /140°F]	Contact diameter	0.5mm
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Vtest (contact-contact) 1900V(DC) Rated current 3.9A Rated voltage \$200V Mechanical operation 5000 mating cycles Brass (natural chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces Insulator PPS Contacts Brass (gold plated) Humidity (max) <=95% [at 60°C /140°F]	Vtest (contact-shell)	
Rated voltage ≤200V Mechanical operation 5000 mating cycles Brass (natural chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces Insulator PPS Contacts Brass (gold plated) Humidity (max) <=95% [at 60°C /140°F] Vibration 15g [10 Hz - 2000 Hz] Shock resistance 100g [6 ms] Salt spray corrosion >72 hr Climatical category 50/175/21 Shielding (min) 75 dB (10 MHz) Shielding (min) 40 dB (1 GHz) IP rating IP68 (when connected and using	Vtest (contact-contact)	
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Humidity (max) <=95% [at 60°C /140°F]	Insulator	PPS
Vibration 15g [10 Hz - 2000 Hz] Shock resistance 100g [6 ms] Salt spray corrosion >72 hr Climatical category 50/175/21 Shielding (min) 75 dB (10 MHz) Shielding (min) 40 dB (1 GHz) IP rating IP68 (when connected and using	Contacts	Brass (gold plated)
Shock resistance 100g [6 ms] Salt spray corrosion >72 hr Climatical category 50/175/21 Shielding (min) 75 dB (10 MHz) Shielding (min) 40 dB (1 GHz) IP rating IP68 (when connected and using	Humidity (max)	<=95% [at 60°C /140°F]
Salt spray corrosion >72 hr Climatical category 50/175/21 Shielding (min) 75 dB (10 MHz) Shielding (min) 40 dB (1 GHz) IP rating IP68 (when connected and using	Vibration	15g [10 Hz - 2000 Hz]
Climatical category 50/175/21 Shielding (min) 75 dB (10 MHz) Shielding (min) 40 dB (1 GHz) IP rating IP68 (when connected and using	Shock resistance	100g [6 ms]
Shielding (min) 75 dB (10 MHz) Shielding (min) 40 dB (1 GHz) IP rating IP68 (when connected and using	Salt spray corrosion	>72 hr
Shielding (min) 40 dB (1 GHz) IP68 (when connected and using	Climatical category	50/175/21
IP rating IP68 (when connected and using	Shielding (min)	75 dB (10 MHz)
IP rating and using	Shielding (min)	40 dB (1 GHz)
	IP rating	and using

KEY FEATURES

Key coded | Panel mounting socket | Flat face | Low profile

ACCESSORIES

Metal and rubber caps for sockets

PART NO.	DESCRIPTION	
CCT31	Camcirc metal cap for sockets A3	

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PART NO.	DESCRIPTION
CCT32	Camcirc rubber cap for sockets A3



ASSOCIATED PRODUCTS

CCA3P1/A19

- CCA Series A3 size plug

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