



# em eco|mate® AQUARIUS™

## Circular, Plastic, Waterproof Connectors for Indoor/Outdoor Applications



Available in 6 Shell Sizes and 28 Insert Arrangements for Power, Mixed Power/Signal, Coax and RJ45 layouts.

Amphenol Sine Systems' **ecomate® Aquarius™ Series** of waterproof connectors provide an IP67/69K waterproof rating (in mated condition) for industrial applications, and incorporates the latest technology in a high-impact, thermoplastic design, offering advantages of lightweight, lower-cost, sealed connector systems on the market today. **ecomate® Aquarius™** connectors are ideal for Indoor/Outdoor applications and the MIL-DTL-26482 based design provides a quick, reliable, 1/3 turn bayonet coupling.

Contacts are available in Machined or PCB (loose piece/bagged), or Stamped & Formed (reels) options and can be shared with the ecomate® Aquarius™ Fathom Lock, RM, and RSSM series.

### Key Features

- IP67/69K rated (in mated condition)
- Circular Bayonet Coupling System
- Power, Mixed Power/Signal, Coax and RJ45 Layouts
- Machined, Stamped & Formed, and PCB Contacts
- Lightweight, High-Strength, Impact Resistant
- MIL-DTL-26482-based Design
- UV/Corrosion Resistant: Salt Spray Test 500 hours
- Colored Rings for Visual Identification Available
- Kits Available



**Potential Applications:** Solar Energy – Power; Off-Road – Mining, Railway, Marine; Instrumentation – Measurement, Water Metering; Building Automation - HVAC, Lighting, Closed Circuit TV; Telecom – Data Infrastructure, Traffic Control

ecomate® Aquarius™ - Specifications  
(See individual datasheets for exact specs)

IP Rating	IP67/69K (in mated condition)
Max. Current Amperage	Up to 45A
Max. Voltage Rating (AC/DC)	600V
Operating Temperature	-40°C to +125°C
Coupling System	Circular Bayonet
Housing Body	Thermoplastic UL94-VO
Contact Types	Machined, Stamped & Formed, PCB
Contact Termination	Crimp, Solder
Contact Material	Copper Alloy (Gold, Tin & Silver Plating are available)
Wire Range	30 - 10AWG (0.05 - 6.0 mm <sup>2</sup> )
Sealing Material	Nitrile Buna Rubber/Silicone Rubber
Min. Mating Cycles	>500

Shielding	None
Flammability Rating	UL94-VO
Fluid Resistance	Gas, oil, mineral oil, acid bath, basic bath
Test Voltage Rating	1500V/2000V
Overvoltage Category	III
Strain Relief Clamp Range	1.5 - 14.0mm
Insulation Resistance	5000 megohms
Thermal Shock	No cracking, chipping or leaking after 20 test cycles from -55°C to 125°C
RoHS Compliant	<b>RoHS</b> ALL materials meet the requirements of the European Directive. (See website for documentation)
Approvals	UL ECBT2

### Connector Configurations



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Contact Legend (Size (mm<sup>2</sup>) Amperage)

Size 20 (0.5mm <sup>2</sup> ) 7.5A	Size 16 (1.5mm <sup>2</sup> ) 13A	Coax RG316/U 1.5A	Size 12 (2.5mm <sup>2</sup> ) 23A	Size 8 (3.6mm <sup>2</sup> ) 45A

Recommended Wire Insulation Overall Diameter (OD) for End Caps

Contact Size	Typical Wire Range	(N) Normal Wire Seal	(R) Reduced Wire Seal
20	30-20AWG (0.05-0.50mm <sup>2</sup> )	1.6mm-2.6mm (0.063-0.102 in)	1.2mm-1.6mm (0.047-0.063 in)
16	24-14AWG (0.14-2.5mm <sup>2</sup> )	2.0mm-3.2mm (0.079-0.126 in)	1.2mm-2.1mm (0.047-.083 in)
12	14-12AWG (2.5-3.5mm <sup>2</sup> )	3.3mm-4.3mm (0.130-0.169 in)	-
8	12-10AWG (10.0-16.0mm <sup>2</sup> )	2.8mm-5.8mm (0.110-0.228 in)	-
8*	16-8AWG (1.5-10.0mm <sup>2</sup> )	2.8mm-4.1mm (0.110-0.161 in)	-

NOTE: \* Applies to 14-3 insert arrangement only. See chart below.

ecomate® Aquarius™ - Shell Sizes & Insert Arrangements

(Front view of pin insert/rear view of socket insert shown for reference only)

Shell Size 8		Shell Size 10				Shell Size 12		
3 Pos 3 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	4 Pos 4 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	3 Pos 3 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	4 Pos 4 x Size 12 (2.5mm <sup>2</sup> ) 23A/500V	4(2+2) Pos MIX 2 x Size 12 (2.5mm <sup>2</sup> ) 23A 2 x Size 20 (0.5mm <sup>2</sup> ) 7.5A 500V	6 Pos 6 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	6(3+3) Pos MIX 3 x Size 16 (1.5mm <sup>2</sup> ) 13A 3 x Size 20 (0.5mm <sup>2</sup> ) 7.5A 500V	3 Pos 3 x Size 16 (1.5mm <sup>2</sup> ) 13A/600V	4 Pos 4 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V
-	-	-	N	N	N	-	N	R

Shell Size 12			Shell Size 14					
4(2+2) Pos MIX 2 x Size 12 (2.5mm <sup>2</sup> ) 23A 2 x Size 20 (0.5mm <sup>2</sup> ) 7.5A 500V	8 Pos 8 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	10 Pos 10 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	3 Pos 3 x Size 8* (3.6mm <sup>2</sup> ) 45A/600V	4 Pos 4 x Size 12 (2.5mm <sup>2</sup> ) 23A/500V	4 Pos MIX 2 x Size 12 (2.5mm <sup>2</sup> ) 23A 2 x Size 16 (1.5mm <sup>2</sup> ) 13A 500V	7 Pos 7 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	8 Pos 8 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	12 Pos 12 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V
N	R	R	N	N	N	R	N	N R

Shell Size 14		Shell Size 16				Shell Size 18			
19 Pos 19 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	4 Pos 4 x Size 8 (3.6mm <sup>2</sup> ) 45A/600V	9 Pos MIX 4 x Size 12 (2.5mm <sup>2</sup> ) 23A 5 x Size 16 (1.5mm <sup>2</sup> ) 13A 500V	19 Pos 19 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	26 Pos 26 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	8 Pos 8 x Size 12 (2.5mm <sup>2</sup> ) 23A/500V	13 Pos MIX 10 x Size 16 (1.5mm <sup>2</sup> ) 13A 3 x Coax, 1.5A, RG316/U 500V	23 Pos 23 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	32 Pos 32 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	
N	N	N R	N	N	N	-	N R	N	

Shell Size 18
8 Pos RJ45 Cat5e 1.5A/125V
-

Backshell Cable Diameters

Shell Size 8	1.5 - 6.5mm
Shell Size 10	4.0 - 8.8mm
Shell Size 12	6.0 - 12.0mm
Shell Size 14	6.0 - 14.0mm
Shell Size 16	10.0 - 17.0mm
Shell Size 18	10.0 - 18.0mm



# em eco|mate® AQUARIUS™

## PCB Mounted, Jam Nut, Waterproof Receptacles for Indoor/Outdoor Applications



### Available in 6 Shell Sizes and 17 Insert Arrangements

Amphenol Sine Systems' **ecomate® Aquarius™ PCB Mounted Jam Nut Waterproof Receptacles** are designed specifically for mounting to **Printed Circuit Boards (PCB) or Flex Circuits**. As part of the **ecomate® Aquarius Waterproof Connector** series, they provide an **IP67/69K** waterproof rating (in mated condition) for industrial applications, and incorporates the latest technology in high-impact thermoplastic design, offering advantages of lightweight, lower-cost, sealed connector systems on the market today. **ecomate® Aquarius Waterproof Connectors** are ideal for Indoor/Outdoor applications and the MIL-DTL-26482 based design provides a quick, reliable, circular bayonet coupling system.

#### Key Features

- **Built-In Stand-Off's** for consistent height off PCB for ease of cleaning
- **Optional Locking Posts** for secure mounting for harsh environments
- **Lower Profile** than industry standard Jam Nut receptacles
- IP67/69K rated (in mated condition)
- Circular Bayonet Coupling System
- Colored Rings for Visual Identification Available



**Applications:** Solar Energy – Power; Off-Road – Mining, Railway, Marine; Instrumentation – Measurement, Water Metering; Building Automation - HVAC, Lighting, Closed Circuit TV; Telecom – Data Infrastructure, Traffic Control

ecomate® Aquarius™ PCB Mounted Jam Nut Receptacles - Specifications  
(See individual datasheets for exact specs)

IP Rating	IP67/69K (in mated condition)
Max. Current Amperage	Up to 23A
Max. Voltage Rating (AC/DC)	600V
Operating Temperature	-40°C to +125°C
Coupling System	Circular Bayonet
Housing Body	Thermoplastic UL94-VO
Contact Types	Machined, PCB
Jam Nut Material	Aluminum Alloy, Black Anodizing
Locking Posts	Copper Alloy, Tin-Plated
Contact Termination	Solder
Contact Material	Copper Alloy, Gold-Plated (See datasheets)
Wire Range	20 - 12AWG (0.5 - 2.5 mm²)
Sealing Material	Silicone Rubber

Min. Mating Cycles	>500
Shielding	None
Flammability Rating	UL94-VO
Fluid Resistance	Gas, oil, mineral oil, acid bath, basic bath
Test Voltage Rating	1500V/2000V
Overvoltage Category	III
Strain Relief Clamp Range	1.5 - 14.0mm
Insulation Resistance	5000 megohms
Thermal Shock	No cracking, chipping or leaking after 20 test cycles from -55°C to 125°C
RoHS Compliant	RoHS ALL materials meet the requirements of the European Directive. (See website for documentation)
Approvals	UL ECBT2



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Contact Legend (Size (mm<sup>2</sup>) Amperage)

Size 20 (0.5mm <sup>2</sup> ) 7.5A	Size 16 (1.5mm <sup>2</sup> ) 13A	Size 12 (2.5mm <sup>2</sup> ) 23A

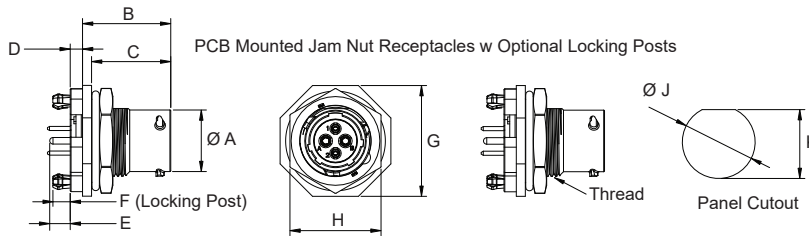
ecomate® Aquarius™ PCB Mounted Jam Nut Receptacles - Shell Sizes & Insert Arrangements  
(Front view of pin insert/rear view of socket insert shown for reference only)

Shell Size 8		Shell Size 10				Shell Size 12		
3 Pos 3 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	4 Pos 4 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	3 Pos 3 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	4 Pos 4 x Size 12 (2.5mm <sup>2</sup> ) 23A/500V	4(2+2) Pos MIX 2 x Size 12 (2.5mm <sup>2</sup> ) 23A 2 x Size 20 (0.5mm <sup>2</sup> ) 7.5A 500V	6 Pos 6 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	3 Pos 3 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	4 Pos 4 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	8 Pos 8 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V

Shell Size 12	Shell Size 14			Shell Size 16	Shell Size 18		
10 Pos 10 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	7 Pos 7 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	8 Pos 8 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	12 Pos 12 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	19 Pos 19 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	26 Pos 26 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	23 Pos 23 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	32 Pos 32 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V

PCB Mounted Jam Nut Receptacles w Locking Posts - Dimensions (in mm)





Size	Ø A	B	C	D	E	F	G	H	Thread	Ø J	K
08	11.9	21.7	19.5	2.9	5.0	4.1	24.0	19.1	9/16" - 24 UNEF	14.6	13.8
10	15.0	21.5	19.3	3.0	5.0	4.1	27.0	22.2	11/16" - 24-2A UNEF	17.8	16.8
12	19.0	21.5	19.3	3.0	5.0	4.1	27.0	31.7	7/8" - 20 UNEF	22.5	21.2
14	22.2	21.5	19.3	3.0	5.0	4.1	35.0	30.2	1" - 20 UNEF	25.6	24.2
16	25.3	21.5	19.3	3.0	5.0	4.1	38.1	33.3	1" 1/8" - 18 UNEF	28.9	27.6
18	28.6	21.5	19.3	3.0	5.0	4.1	41.3	36.5	1" 1/4" - 18 UNEF	32.1	30.6

ecomate® Aquarius™ - PCB Mounted Jam Nut Receptacles

Part Number	Description	Amperage	Voltage
RTS78ND3S03	3 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 8, ecomate® Aquarius™, Silicone Rubber Seal	7A	250V
RTS78ND4S03	4 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 8, ecomate® Aquarius™, Silicone Rubber Seal	7A	250V
RTS710ND3S03	3 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 10, ecomate® Aquarius™, Silicone Rubber Seal	13A	500V
RTS710ND2S03	4 (2+2) Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 10, ecomate® Aquarius™, Silicone Rubber Seal	13A & 7.5A	500V
RTS710ND4S03	4 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 10, ecomate® Aquarius™, Silicone Rubber Seal	13A	500V
RTS710ND6S03	6 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 10, ecomate® Aquarius™, Silicone Rubber Seal	7.5A	250V
RTS712ND3S03	3 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 12, ecomate® Aquarius™, Silicone Rubber Seal	13A	500V
RTS712ND4S03	4 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 12, ecomate® Aquarius™, Silicone Rubber Seal	13A	500V
RTS712ND8P03	8 Position, Jam Nut Receptacle, PCB Mounted, Pin, Size 12, ecomate® Aquarius™, Silicone Rubber Seal	13A	500V
RTS712ND8S03	8 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 12, ecomate® Aquarius™, Silicone Rubber Seal	13A	500V
RTS712ND10S03	10 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 12, ecomate® Aquarius™, Silicone Rubber Seal	7.5A	250V
RTS714ND7S03	7 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 14, ecomate® Aquarius™, Silicone Rubber Seal	13A	500V
RTS714ND8S03	8 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 14, ecomate® Aquarius™, Silicone Rubber Seal	13A	500V
RTS714ND12S03	12 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 14, ecomate® Aquarius™, Silicone Rubber Seal	13A	500V
RTS714ND19P03	19 Position, Jam Nut Receptacle, PCB Mounted, Pin, Size 14, ecomate® Aquarius™, Silicone Rubber Seal	7.5A	250V
RTS714ND19S03	19 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 14, ecomate® Aquarius™, Silicone Rubber Seal	7.5A	250V
RTS716ND19S03	19 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 16, ecomate® Aquarius™, Silicone Rubber Seal	7.5A	250V
RTS716ND26S03	26 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 16, ecomate® Aquarius™, Silicone Rubber Seal	7.5A	250V
RTS718ND23S03	23 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 18, ecomate® Aquarius™, Silicone Rubber Seal	13A	500V
RTS718ND32S03	32 Position, Jam Nut Receptacle, PCB Mounted, Socket, Size 18, ecomate® Aquarius™, Silicone Rubber Seal	7.5A	250V

**Example:** For optional PCB Mounted Jam Nut Receptacle w Locking Post (Must add 32 to end of standard part number) RTS710ND3S0332

Accessories

Image	Part Number	Description	Size
	RTS(XX)CCR(X)	ecomate® Aquarius™, Coding Color Ring - Available in Green (G), Yellow (Y) or Red (R) <b>Example:</b> RTS10CCRG = ecomate® Aquarius™, Coding Color Ring, Green	08, 10, 12, 14, 16, 18
	RTS0(XX)DCG	ecomate® Aquarius™, Dust Cap for Receptacle <b>Example:</b> RTS010DCG = ecomate® Aquarius™, Dust Cap for Receptacle, Size 10	10, 12, 14, 16, 18





# em eco|mate® AQUARIUS™ FATHOM LOCK

## Circular, Plastic, Waterproof Connectors for Indoor/Outdoor Applications featuring **Fathom Lock Coupling System**



### Available in 3 Shell Sizes and 17 Insert Arrangements

Amphenol Sine Systems' **ecomate® Aquarius™ Fathom Lock Series** of waterproof connectors provide **an increased IP68 rating (1.8M of water, in mated condition)** over our standard ecomate Aquarius™ series, with the addition of the auto-locking, **Fathom Lock Coupling System**. This system offers significant time savings while ensuring an easy mating/unmating process of the plug to receptacle, verified by the tactile and audible clicking sound of the locking mechanism. To unmate, a simple 20° twist of the coupling ring on the plug will separate it from the receptacle.

Contacts are available in Machined or PCB (loose piece/bagged), or Stamped & Formed (reels) options and can be shared with the ecomate® Aquarius™, RM, and RSSM series.

### Key Features

- IP67/68/69K rated (in mated condition)
- Auto-Locking, Fathom Lock Coupling System
- Machined, Stamped & Formed, and PCB Contacts
- Lightweight, High-Strength, Impact Resistant
- UV/Corrosion Resistant: Salt Spray Test 500 hours
- Colored Rings for Visual Identification Available



**Potential Applications:** Solar Energy – Power; Off-Road – Mining, Railway, Marine; Instrumentation – Measurement, Water Metering; Building Automation - HVAC, Lighting, Closed Circuit TV; Telecom – Data Infrastructure, Traffic Control

### How Our Auto-Locking, Fathom Lock Coupling System Works

#### Step 1

To mate the plug and receptacle together, ensure the arrows are aligned to each other.

#### Step 2

Push the plug onto the receptacle until the coupling ring automatically locks into place around the receptacle, as confirmed by both an audible "click" and tactile feel.

#### Step 3

To unmate the connection, the coupling ring on the plug must be rotated counter-clockwise 20°, at which point the plug can be removed.



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ecomate® Aquarius™ Fathom Lock - Specifications  
(See individual datasheets for exact specs)

IP Rating	IP67/68/69K (in mated condition)
Max. Current Amperage	Up to 45A
Max. Voltage Rating (AC/DC)	600V
Operating Temperature	-40°C to +125°C
Coupling System	Auto-Locking, Fathom Lock
Housing Body	Thermoplastic UL94-VO
Contact Types	Machined, Stamped & Formed, PCB
Contact Termination	Crimp, Solder
Contact Material	Copper Alloy (Gold, Tin & Silver Plating are available)
Wire Range	30 - 8AWG (0.05 - 10.0 mm <sup>2</sup> )
Sealing Material	Silicone Rubber
Min. Mating Cycles	>500

Shielding	None
Flammability Rating	UL94-VO
Fluid Resistance	Gas, oil, mineral oil, acid bath, basic bath
Test Voltage Rating	1500V/2000V
Overvoltage Category	III
Strain Relief Clamp Range	4.0 - 14.0mm
Insulation Resistance	5000 megohms
Thermal Shock	No cracking, chipping or leaking after 20 test cycles from -55°C to 125°C
RoHS Compliant	RoHS ALL materials meet the requirements of the European Directive. (See website for documentation)
Approvals	UL ECB12 Pending

Contact Legend (Size (mm<sup>2</sup>) Amperage)

Size 20 (0.5mm <sup>2</sup> ) 7.5A	Size 16 (1.5mm <sup>2</sup> ) 13A	Size 12 (2.5mm <sup>2</sup> ) 23A	Size 8 (3.6mm <sup>2</sup> ) 45A

Recommended Wire Insulation Overall Diameter (OD) for End Caps

Contact Size	Typical Wire Range	(N) Normal Wire Seal	(R) Reduced Wire Seal
20	30-20AWG (0.05-0.50mm <sup>2</sup> )	1.6mm-2.6mm (0.063-0.102 in)	1.2mm-1.6mm (0.047-0.063 in)
16	24-14AWG (0.14-2.5mm <sup>2</sup> )	2.0mm-3.2mm (0.079-0.126 in)	1.2mm-2.1mm (0.047-.083 in)
12	14-12AWG (2.5-3.5mm <sup>2</sup> )	3.3mm-4.3mm (0.130-0.169 in)	-
8	12-10AWG (10.0-16.0mm <sup>2</sup> )	2.8mm-5.8mm (0.110-0.228 in)	-
8*	16-8AWG (1.5-10.0mm <sup>2</sup> )	2.8mm-4.1mm (0.110-0.161 in)	-

NOTE: \* Applies to 14-3 insert arrangement only. See chart below.

Shell Sizes & Insert Arrangements

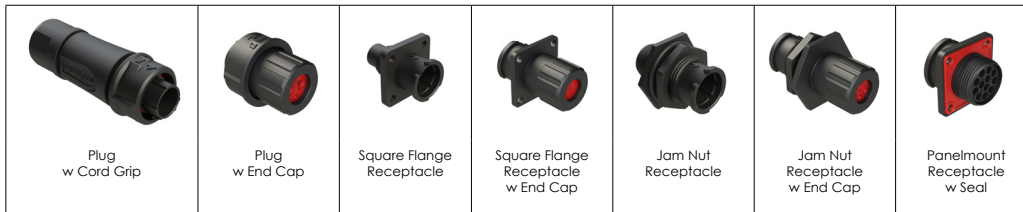
(Front view of pin insert/rear view of socket insert shown for reference only)

Shell Size 10					Shell Size 12			
3 Pos 3 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	4 Pos 4 x Size 12 (2.5mm <sup>2</sup> ) 23A/500V	4(2+2)Pos MIX 2 x Size 12 (2.5mm <sup>2</sup> ) 23A 2 x Size 20 (0.5mm <sup>2</sup> ) 7.5A 500V	6 Pos 6 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	6(3+3) Pos MIX 3 x Size 16 (1.5mm <sup>2</sup> ) 13A 3 x Size 20 (0.5mm <sup>2</sup> ) 7.5A 500V	3 Pos 3 x Size 16 (1.5mm <sup>2</sup> ) 13A/600V	4 Pos 4 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	4(2+2) Pos MIX 2 x Size 12 (2.5mm <sup>2</sup> ) 23A 2 x Size 20 (0.5mm <sup>2</sup> ) 7.5A 500V	8 Pos 8 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V
-	N	N	N	-	N	R	N	R

Shell Size 12				Shell Size 14			
10 Pos 10 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V	3 Pos 3 x Size 16 (1.5mm <sup>2</sup> ) 13A/600V	4 Pos 4 x Size 12 (2.5mm <sup>2</sup> ) 23A/500V	4 Pos MIX 2 x Size 12 (2.5mm <sup>2</sup> ) 23A 2 x Size 16 (1.5mm <sup>2</sup> ) 13A 500V	7 Pos 7 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	8 Pos 8 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	12 Pos 12 x Size 16 (1.5mm <sup>2</sup> ) 13A/500V	19 Pos 19 x Size 20 (0.5mm <sup>2</sup> ) 7.5A/250V
R	N	N	N	R	N	N R	N

Connector Configurations



Backshell Cable Diameters

Shell Size 10	4.0 - 8.8mm
Shell Size 12	6.0 - 12.0mm
Shell Size 14	6.0 - 14.0mm