



# em eco|mate® RSSM



## Rugged Superior Seal Metal Circular Connectors

Available in 8 Shell Sizes / 28 Insert Arrangements

The **ecomate® RSSM (Rugged Superior Seal Metal) Series** of circular, metal connectors provides an IP69K rating (in mated condition) for industrial applications. With a bayonet coupling system and a maximum current rating range up to 45A/600V, the ecomate® RSSM Series is perfect for Indoor/Outdoor applications in Factory Automation, Industrial, Heavy Equipment, Heavy Duty, Transportation, and Entertainment/Lighting markets. ecomate® RSSM Plugs are only to be mated with ecomate® RSSM Receptacles to ensure an IP69K rating.

### Key Features

- IP69K in mated condition
- Circular Bayonet Coupling System
- Machined, Stamped & Formed, RADSOK® and PCB Contacts
- MIL-DTL-26482-based Design
- UV/Corrosion Resistant: Salt Spray Test 48 hours
- Approvals: UL ECBT2 & ECBT8

**Applications:** On-Machine, Robotics, Rail Transit, EV Bus/Truck, I/O Module, Servo Motor, Servo Drive, PLC Programmable Logic Controller, HMI/CNC

ecomate® RSSM - 8 Shell Sizes/28 Insert Arrangements (For reference only)

\* Optional Reduced Diameter Seals (Green) available.



Size 10	Size 10	Size 10	Size 10	Size 10	Size 12	Size 12	Size 12	Size 12
3 Pos 3 x 13A 500V	4 Pos 4 x 13A 500V	4 (2+2) Pos MIX 2 x 13A (A,B) 2 x 5A or 2 x 7.5A (1,2) 500V	6 Pos 6 x 5A or 6 x 7.5A 250V	6 (3+3) Pos MIX 3 x 13A (A,B,E) 3 x 5A or 3 x 7.5A (C,D,F) 500V	3 Pos 3 x 13A 500V	4(2+2) Pos MIX * 2 x 23A (A,B) 2 x 5A or 2 x 7.5A (1,2) 500V	4 Pos * 4 x 13A 500V	8 Pos * 8 x 13A 500V
Size 12	Size 14	Size 14	Size 14	Size 14	Size 14	Size 14	Size 14	Size 16
10 Pos * 10 x 5A or 10 x 7.5A 250V	3 Pos 3 x 45A 600V	4 Pos 4 x 23A 500V	4 (2+2) Pos MIX 2 x 23A (A,B) 2 x 13A (1,2) 500V	7 Pos * 7 x 13A 500V	8 Pos 8 x 13A 500V	12 Pos * 12 x 13A 500V	19 Pos 19 x 5A or 19 x 7.5A 250V	4 Pos 4 x 45A 600V
Size 16	Size 16	Size 16	Size 18	Size 18	Size 18	Size 20	Size 22	Size 22
9 (4+5) Pos MIX 4 x 23A (A-D) 5 x 13A (E-L) 500V	19 Pos * 19 x 13A 500V	26 Pos 26 x 5A or 26 x 7.5A 250V	8 Pos 8 x 23A 500V	23 Pos * 23 x 13A 500V	32 Pos 32 x 5A or 32 x 7.5A 250V	28 Pos * 28 x 13A 500V	35 Pos 35 x 13A 500V	38 Pos 38 x 13A 500V
Size 24								
48 Pos 48 x 13A 500V								

em eco|mate® Family



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ecomate® RSSM - Connector Kits (Images for reference only.)

Image	Part Number	Description
	RT00104PKNH03-K	4 Pos, Recep., Kit, Male, Sq. Flange, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT00104SKNH03-K	4 Pos, Recep., Kit, Female, Sq. Flange, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT00128PKNH03-K	8 Pos, Recep., Kit, Male, Sq. Flange, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT00128SKNH03-K	8 Pos, Recep., Kit, Female, Sq. Flange, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT001412PKNH03-K	12 Pos, Recep., Kit, Male, Sq. Flange, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT001412SKNH03-K	12 Pos, Recep., Kit, Female, Sq. Flange, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT001619PKNH03-K	19 Pos, Recep., Kit, Male, Sq. Flange, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT001619SKNH03-K	19 Pos, Recep., Kit, Female, Sq. Flange, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT001823PKNH03-K	23 Pos, Recep., Kit, Male, Sq. Flange, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT001823SKNH03-K	23 Pos, Recep., Kit, Female, Sq. Flange, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT002028PKNH03-K	28 Pos, Recep., Kit, Male, Sq. Flange, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT002028SKNH03-K	28 Pos, Recep., Kit, Female, Sq. Flange, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT0W01419PKNH03-K	19 Pos, Recep., Kit, Male, Sq. Flange, Size 20 (22-20AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT0W01419SKNH03-K	19 Pos, Recep., Kit, Female, Sq. Flange, Size 20 (22-20AWG), ecomate® RSSM, Machined Gold Contacts, Gasket, Silicone Seal
	RT06104PNH03SS-K	4 Pos, Plug, Kit, Male, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (3.0-5.0mm), Silicone Seal
	RT06104SNH03SS-K	4 Pos, Plug, Kit, Female, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (3.0-5.0mm), Silicone Seal
	RT06128PNH03SS-K	8 Pos, Plug, Kit, Male, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (6.5-10.0mm), Silicone Seal
	RT06128SNH03SS-K	8 Pos, Plug, Kit, Female, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (6.5-10.0mm), Silicone Seal
	RT061412PNH03SS-K	12 Pos, Plug, Kit, Male, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (6.5-10.0mm), Silicone Seal
	RT061412SNH03SS-K	12 Pos, Plug, Kit, Female, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (6.5-10.0mm), Silicone Seal
	RT061619PNH03SS-K	19 Pos, Plug, Kit, Male, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (10.0-15.0mm), Silicone Seal
	RT061619SNH03SS-K	19 Pos, Plug, Kit, Female, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (10.0-15.0mm), Silicone Seal
	RT061823PNH03SS-K	23 Pos, Plug, Kit, Male, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (10.0-15.0mm), Silicone Seal
	RT061823SNH03SS-K	23 Pos, Plug, Kit, Female, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (10.0-15.0mm), Silicone Seal
	RT062028PNH03SS-K	28 Pos, Plug, Kit, Male, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (16.0-17.0mm), Silicone Seal
	RT062028SNH03SS-K	28 Pos, Plug, Kit, Female, Size 16 (16-18AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (16.0-17.0mm), Silicone Seal
	RT0W61419PNH03SS-K	19 Pos, Plug, Kit, Male, Size 20 (20-22AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (6.5-10.0mm), Silicone Seal
	RT0W61419SNH03SS-K	19 Pos, Plug, Kit, Female, Size 20 (20-22AWG), ecomate® RSSM, Machined Gold Contacts, Cord Grip (6.5-10.0mm), Silicone Seal

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