



# em eco|mate® Family Overview

The **ecomate® Family** of circular, multiway connectors provide an IP65-69k-rating range (in mated condition) for indoor/outdoor industrial applications and feature robust, durable plastic or metal designs with either bayonet or rapid coupling systems. With a current rating range of 5 to 300A across the individual series, the **ecomate® Family** is perfect for **Factory Automation, Industrial, Heavy Equipment, Heavy Duty, Transportation, and Entertainment/Lighting** markets.







em eco|mate® C16

em eco|mate® RM

em eco|mate® AQUARIUS™

em eco|mate® Plastic

IP Rating				
Available Shell Sizes/ Insert Arrangements	3 Shell Sizes/ 11 Insert Arrangements	8 Shell Sizes/ 32 Insert Arrangements	<b>6 Shell Sizes/ 27 Insert Arrangements</b>	1 Shell Sizes/ 4 Insert Arrangements
Approvals	VDE, UL and CSA	UL ETCB2 & ETCB8	Pending UL ETCB2 & UL ETCB8	VDE, SEV, UL Recognized, CSA
Materials	Thermoplastic UL94 V-0	Body-Zinc Alloy; Coupling-Nickel Alum.	Thermoplastic UL94 V-0	
Contacts	Stamped & Formed	Machined, Stamped & Formed, PCB ( <b>ecomate® RM</b> (Rugged Metal) contacts are fully compatible with <b>ecomate® Aquarius™</b> contacts, providing significantly increased product flexibility.)		S&F, Machined, Solder
Termination	Screw (Field Install), Crimp	Crimp, Solder		Screw (Field Install), Crimp, Solder
Coupling System	Bayonet			Rapid Threading
Amperage	Up to 50A/900V	7 to 45A (RADSOK® 86 to 300A)	Up to 45A/500V	10 to 20A
Operating Temp	-40°C to +125°C	-40°C to +115°C	-40°C to +125°C	-40°C to +125°C

**NOTE:** **ecomate® RM** is available in two (2) ingress protection levels. The **standard** product IP67, and **ecomate® RSSM (Superior Seal)** IP69K. **Example PN:** RT06148PNH03-SS

Standard products. Custom solutions

