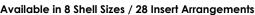
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eco mate® RM - Rugged Metal Circular Connectors





The **ecomate® RM (Rugged Metal) Series** of circular, metal connectors provide an IP67 rating (in mated condition) for industrial applications and offers both standard and high amperage versions, all in a sealed connector system. With a circular bayonet coupling system, it is perfect for Indoor/Outdoor applications in Factory Automation, Industrial, Heavy Equipment, Heavy Duty, Transportation, and Entertainment/Lighting markets.



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 matches all the specifications of the ecomate® RM (Rugged Metal) series with the addition of **Superior Seals** (+125°C) which increase the IP ratings to IP69K (in mated condition). ecomate® RSSM Plugs are only to be mated with ecomate® RSSM Receptacles to ensure an IP69K rating.



eco mate® RM High Amp - Rugged Metal High Amp Circular Connectors



Available in 4 Shell Sizes / 5 Insert Arrangements

The **ecomate® RM High Amp** Series matches all the specifications of the ecomate® RM (Rugged Metal) series with the addition of high amperage connector options in 1 and 3 pole high-power arrangements featuring RADSOK® technology, ranging from 86A-300A and 630V.

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IP Rating	IP67	IP69K	[P67]				
Shell Sizes/Insert Arrangements	8 Shell Sizes / 28 In	sert Arrangements	4 Shell Sizes / 5 Insert Configurations				
Operating Temp	-40°C to +115°C (+105°C for parts using an Endcap)						
Materials		Body-Zinc Alloy; Coupling-Nickel Aluminum					
Contacts	Machined, Stamped 8	Machined, Stamped & Formed, PCB Options					
Coupling System		Bayonet					
Amperage	Up to 45	5A/600V	86A to 300A/630V				
Seals	NBR	Silicone	NBR				
Shielding		EMI/RMI Available					
Mating Cycles	>500 >100						
Flammability Rating		UL94-VO					
Approvals		Pending UL ECBT2 & ECBT8					





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ecomate® RM/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 13A/500V	4 Pos 13A/300V	4 Pos 13A/350V	6 Pos 5A, 7A/150V	6 (3+3) Pos 13A, 5A/500V	3 Pos 13A/300V	4(2+2) Pos * 23A, 7.5A/350V	4(2+2) Pos * 23A, 13A/500V	8 Pos * 13A/300V
2 1	A B D C	10 A B 2	A B C E D		(C)B	10 A B 02	3 2	

Size 12	Size 14	Size 14	Size 14	Size 14	Size 14	Size 14	Size 14	Size 16
10 Pos * 5A, 7.5A/150V	3 Pos 45A/600V	4 Pos 23A/350V	4 Pos 23A. 13A/350V	7 Pos * 13A/500V	8 Pos 13A/300V	12 Pos * 13A/300V	19 Pos 5A, 7.5A/150V	4 Pos 45A/500V
	2 1	P C C	$\begin{pmatrix} & & & \\ & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & $	5 0 0 4 0 0	$\begin{pmatrix} A & B \\ C & C \\ C & D \end{pmatrix}$			D A B

Size 16	Size 16	Size 16	Size 18	Size 18	Size 18	Size 20	Size 22	Size 22
9 Pos 23A, 13A/250V	19 Pos * 13A/300V	26 Pos 5A, 7.5A/150V	8 Pos 23A/375V	23 Pos * 13A/300V	32 Pos 5A, 7.5A/150V	28 Pos * 13A/300V	35 Pos 13A/300V	38 Pos 13A/300V

Size 24	
48 Pos 13A/300V	
*0000000000000000000000000000000000000	

ecomate® RM High Amp (Includes RADSOK® Contact Technology) - 4 Shell Sizes/5 Insert Arrangements (For reference only)

Size 10	Size 14	Size 16	Size 20	Size 20
1 Pos 86A/630V	1 Pos 120A/630V	1 Pos 120A-180A/630V	1 Pos 120A-300A/630V	3 Pos 86A/630V
				A C B



For more information, contact: Customer Service, +1 800 394 7732, csr@amphenol-sine.com

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