

Amphenol Sine Systems, **USA** Amphenol Tuchel Industrial, **GmbH**

www.amphenol-sine.com



em) eco mate[®] RM - Rugged Metal Circular Connectors

Available in 8 Shell Sizes / 28 Insert Arrangements

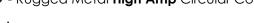
The ecomate® RM (Rugged Metal) Series of circular, metal connectors provide an IP67 rating (in mated condition) for industrial applications and offers both standard and high amperage versions, all in a sealed connector system. With a circular bayonet coupling system, it is perfect for Indoor/Outdoor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

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 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.

em) 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.

	em eco mate® RM	em eco mate [®] RSSM	em eco mate [®] RM High Amp		
IP Rating	IP67	IP69K	IP67		
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)	-40°C to +125°C	-40°C to +115°C (+105°C for parts using an Endcap)		
Materials	Body-Zinc Alloy; Coupling-Nickel Aluminum				
Contacts	Machined, Stamped &	& Formed, PCB Options	RADSOK®		
Coupling System		Bayonet			
Amperage	Up to 45	5A/600V	86A to 300A/630V		
Seals	NBR	Silicone	NBR		
Shielding		EMI/RMI Available			
Mating Cycles	>5	>500 >100			
Flammability Rating		UL94-VO			
Approvals		UL ECBT2 & ECBT8			



Standard products. Custom solutions Customer Service +1 800 394 7732



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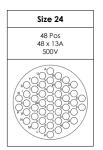
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Size 10	Size 10	Size 10	Size 10	Size 10	Size 12	Size 12	Size 12	Size 12
3 Pos 3 x 13A 500V	4 Pos 4 x 13A 500V	4 (2+2) Pos MIX 2 x 13A (A,B) 2 x 5A or 2 x 7.5A (1,2) 500V	6 Pos 6 x 5A or 6 x 7.5A 250V	6 (3+3) Pos MIX 3 x 13A (A.B.E) 3 x 5A or 3 x 7.5A (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
$\begin{array}{c} A \\ B \\ C \\ C$		A D C C			$ \begin{array}{c} \begin{array}{c} & A \\ & G \\ & H \\$		$(\bigcirc \bigcirc$	

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
		$\begin{array}{c} \left(\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 $				$\begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\$		



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 3 x 86A 630V
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For more information, contact: Customer Service, +1 800 394 7732, csr@amphenol-sine.com

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