

EXCEL|MATE MINI MSD V - TECHNICAL CHARACTERISTICS



KEY FEATURES

A two-stage lever provides an HVIL time delay

1 x integrated internal HVIL

Unique cooling structure

Dual-channel design lowers temperature rise

No tools required to unmate

Various fuse ratings

Receptacle can be front or rear mounted

APPLICATION

It is a tool-free solution for disconnecting the internal high voltage battery pack and protecting it from short circuit.

MECHANICAL

Mating cycles	≥ 50 cycles
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ELECTRICAL

Fuse specification	up to 400A
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With fuse:

Rated current	Current is approximately 1/3 the fuse rating (220A Max)
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Rated voltage	750V DC
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With shunt:

Rated current	220A Max
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Rated voltage	1500V DC Max
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ENVIRONMENTAL

Protection degree	IP67, IP6K9K (mated)
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Ambient temperature	-40°C to 70°C
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Storage temperature	-40°C to 85°C
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Operating temperature	-40°C to 125°C
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Flammability	UL94V0
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HOW TO ORDER - EXCEL|MATE MINI MSD V

Plug: With fuse

	MINI MSD	M	2002
Shell type:			
M: Plug			
Fuse rating current:			
0802: 80A			
1002: 100A			
1252: 125A			
1602: 160A			
2002: 200A			
2502: 250A			
3152: 315A			
3502: 350A			
4002: 400A			
Fuse brand:			
Bussmann (by default), other brands, please contact us.			

Plug: With shunt

	MINI MSD	VM	000
Shell type:			
VM: Plug, shunt			
000: No fuse needed, can directly use the terminal			

Receptacle

	MINI MSD	V	F	000	F
V: Built-in gasket seal, row connection					
V1: Built-in gasket seal, stud connection					
V2: Flat gasket seal, stud connection					
Shell type:					
F: Receptacle					
Fuse rating current:					
000: No fuse needed, can directly use the terminal					
Flange mounted type:					
F: Front mounted					
R: Rear mounted (only available for V2)					

