Amphenol

Manual Service Disconnect

Automotive Products Group China Operation

Manual Service Disconnect MSD09

High voltage, High current , Fuse/Busbar inside, HVIL, Waterproof

Part-no.:

MSD09XXXS (Front Mounting) MSD09XXXSR (Rear mounting) XXX=250 (fuse=250A) MSD09000S (No Fuse Front Mounting) MSD09000SR (No Fuse Rear mounting)

Mating design:

- Serviceable locking leg, button release
- Locking assurance by CPA
 Operation with handle
 Fuse (type A):
- → 200A-400A, 690V AC

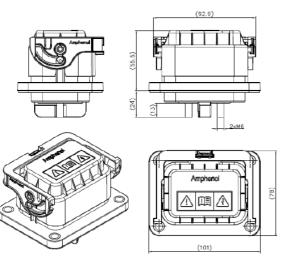
Terminal technology:

- Contacts: silver plated
- → HVIL :2x integrated, internal

General:

- → IP67, IP6K9K(mated)
- → IPXXB (unmated)
- → HVIL
- → M6 screw fasten

Dimensional characteristics:



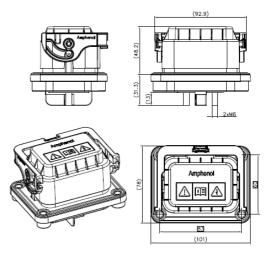


Performance characteristics:

- → Unmating force: \leq 100N
- Temperature range: -40°C to+85°C
- → Rated voltage: 690V AC (With Fuse) 1000V DC (No Fuse)
- → Rated current based on fuse selection
- → Rated current: 225A, @85°C, no fuse, 70mm²cable 325A, @25°C, no fuse, 70mm²cable 130A, @85°C, 350A fuse, 70mm²cable 185A, @25°C, 350A fuse, 70mm²cable 110A, @85°C, 200 fuse, 70mm²cable
- → Mating cycles: 50 min.

Construction:

- → Housing:PA66-GF V0
- → Contact material: Copper , Ag plating



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