Amphenol

Amphenol Automotive Connection Systems

Manual Service Disconnect (MSD08)

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

Part-no.:

MSD08XXXS(Front Mounting) MSD08XXXSR (Rear Mounting) XXX=250 (fuse=250A)

MSD08000S (no fuse) (Front Mounting) MSD08000SR (no fuse) (Front Mounting)

Mating design:

- → Serviceable locking leg, button release
- Locking assurance by CPA
- → Operation with handle

Fuse (type A/B):

→ 200A -400A, 690V AC

Terminal technology:

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

General:

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

Performance characteristics:

- → Unmating force: ≤ 100N
- → Temperature range: -40°C to+85°C
- → Rated voltage: 690V DC (With Fuse)

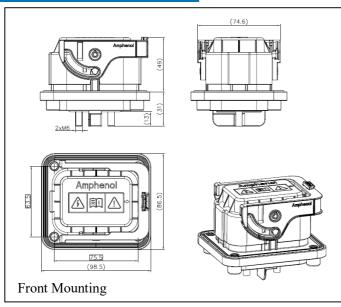
1000V DC (No Fuse)

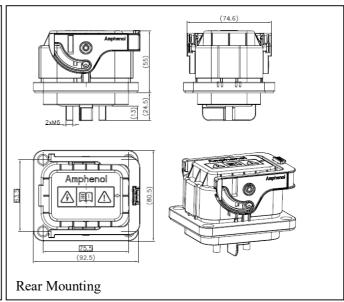
- → Rated current based on fuse selection
- 260A, @85°C, no fuse, 70mm2cable **>**
- **→** 360A, @25°C, no fuse, 70mm2cable
- 110A, @85°C, 200A fuse, 70mm2cable
- 150A, @25°C, 200A fuse,70mm2cable
- 140A, @85°C, 350 fuse, 70mm2cable 195A, @25°C, 350 fuse, 70mm2cable
- Mating cycles: 50min.

Construction:

- → Housing:PA66-GF30 V0
- → Contact material: Copper, Ag plating

Dimensional characteristics:





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