Amphenol

Amphenol Automotive Connection Systems

Manual Service Disconnect (MSD07)

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

Part-no.:

MSD07XXX (Front Mounting)
MSD07XXXR (Rear Mounting)
XXX=250 (fuse=250A)
MSD07000 (no fuse)

Mating design:

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

Fuse (type A/B):

→ 160A -630A, 690V AC

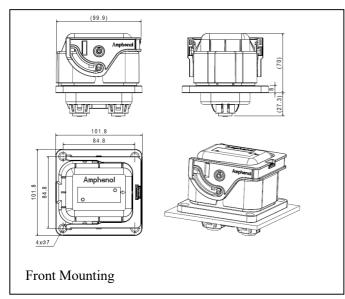
Terminal technology:

- → 2 x Ø 10 mm RADSOK contact system silver plated
- → Micro switch or terminals for HVIL

General:

- → IP67, IP6K9K(mated)
- → IPXXB (unmated)
- → H\/II
- → M6 screw fasten

<u>Dimensional characteristics:</u>



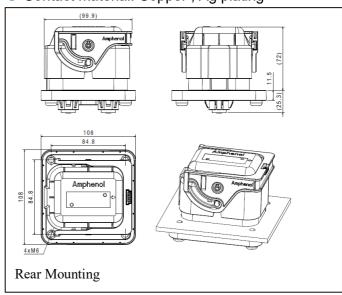


Performance characteristics:

- → Unmating force: ≤ 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:
 190A, @85°C, no fuse, 70mm²cable
 260A, @25°C, no fuse, 70mm²cable
 150A, @85°C, 550A fuse, 70mm²cable
 210A, @25°C, 550A fuse, 70mm²cable
 140A, @85°C, 400 fuse, 70mm²cable
 190A, @25°C, 400 fuse, 70mm²cable
- → Mating cycles: 50 min.

Construction:

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



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