

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)
- HVIL
- M6 screw fasten



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, 70mm² cable
 - 260A, @25°C, no fuse, 70mm² cable
 - 150A, @85°C, 550A fuse, 70mm² cable
 - 210A, @25°C, 550A fuse, 70mm² cable
 - 140A, @85°C, 400 fuse, 70mm² cable
 - 190A, @25°C, 400 fuse, 70mm² cable
- Mating cycles: 50 min.

Construction:

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

Dimensional characteristics:

