

# Manual Service Disconnect MSD09

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

### Part-no.:

MSD09XXXS (Front Mounting)

MSD09XXSR (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



### Performance characteristics:

→ Unmating force:  $\leq 100N$

→ Temperature range:  $-40^{\circ}C$  to  $+85^{\circ}C$

→ Rated voltage: 690V AC ( With Fuse)  
1000V DC ( No Fuse)

→ Rated current based on fuse selection

→ Rated current:

225A, @ $85^{\circ}C$ , no fuse, 70mm<sup>2</sup>cable

325A, @ $25^{\circ}C$ , no fuse, 70mm<sup>2</sup>cable

130A, @ $85^{\circ}C$ , 350A fuse, 70mm<sup>2</sup>cable

185A, @ $25^{\circ}C$ , 350A fuse, 70mm<sup>2</sup>cable

110A, @ $85^{\circ}C$ , 200 fuse, 70mm<sup>2</sup>cable

150A, @ $25^{\circ}C$ , 200 fuse, 70mm<sup>2</sup>cable

→ Mating cycles: 50 min.

### Construction:

→ Housing:PA66-GF V0

→ Contact material: Copper , Ag plating

### Dimensional characteristics:

