

## Mini Contactor

### GMD-9M



#### General

Product code	1270014300
Product description	GMD-9M DC24V 3W 1a EXP (GMD9M-30-10-BD-3W-S-E)
Main contact	3NO
Auxiliary contact	1NO
Control voltage	DC24V
Type of terminal	Screw
Local/Export	Export
Standards	IEC 60947-4-1, IEC 60947-5-1, UL508
Certificates	CE, UL, CCC
	-

#### Characteristics

Number of poles	3P
Rated operational voltage [Ue]	690V
Rated insulation voltage [Ui]	690V
Rated withstand voltage [Uimp]	6kV
Rated frequency [Hz]	-
Maximum operating rate in operating cycles per hour(AC3)	1800
Mechanical durability (mil. operations)	12

Electrical durability (mil. operations)	1
Rated operational current (AC-1)	20A
Power (AC-1)	-
	-
	-
	-
Current (AC-1)	-
	-
	-
	-
Motor power (AC-3)	2.2kW at 200/240V
	4kW at 380/440V
	3.7kW at 500/550V
	-
Motor power (AC-4)	1.5kW at 200/240V
	4kW at 380/440V
Rated operational current (AC-3)	9A at 200/240V
	9A at 380/440V
	6A at 500/550V
	-
Rated operational current (AC-4)	9A at 200/240V
	9A at 380/440V
Type 2 Coordination	-
	-
	-



Motor power (UL/CSA)	-
	-
	-
	-
NEMA size	-
Rated Short-time withstand current	-
	-
	-
	-
Conductor size (AWG)	16~10
Conductor size (mm2)	1.5~4
The max. number of conductor	2
Conductor type	Solid, Stranded
Conductor characteristic	65/75 Cu-wire only
Main terminal size	M3.5
Crimp terminal (mm)	7.6
Torque (lb-in)	10
Torque (Nm)	1.1299999999999999
Torque (kgf.cm)	12

#### Environment

Degree of protection	IP20
Ambient air temperature	-30°C ~ +65°C at storage
	-5°C ~ +40°C at operation (DC type)
Operating altitude	2000m
Shock resistance (1/2 sin)	5G at opened

wave=11ms)	5G at closed
Vibration resistance (Conforming to IEC68-2-6) (5~300Hz)	10~55Hz 2g -
Flame resistance	V0 at conforming to UL94 960°C at conforming to IEC695-2-1
REACH	Yes
RoHS	Yes
WEEE	Yes

### Dimensions

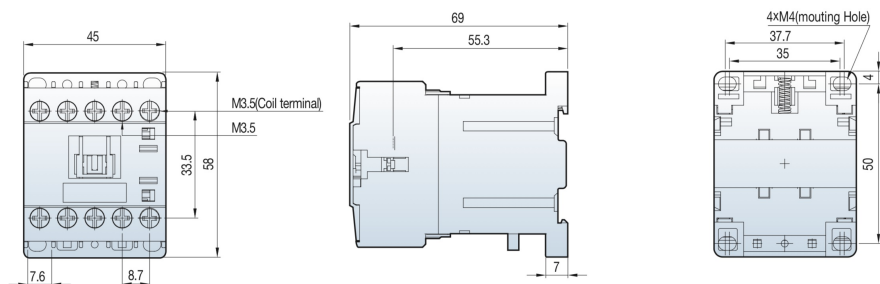
Weight	0.44lbs / 0.2kg
Size width	1.77inch / 45mm
Size height	2.28inch / 58mm
Size depth	2.72inch / 69mm

### Control coil

Control voltage	DC24V
Control voltage limit [Uc]	85~110%
Consumption at 20°C	-
Consumption at 20°C	-
Heat dissipation	3W at holding
Operating time	50ms at closing
Operating time	45ms at opening

### Drawing

- GMD-6M
- GMD-9M
- GMD-12M
- GMD-16M
- GMD-6M/4
- GMD-9M/4
- GMD-12M/4
- GMD-16M/4



0.23kg

### Applicable Accessories

# Variety

## Accessories ...

