

GD

► FEATURE

- 30A switching capabilities
- DPST-NO and DPDT configurations
- Meets 8mm creepage distance, 4KV dielectric
- Dust cover or sealed version; PCB or QC terminal

► CONTACT DATA

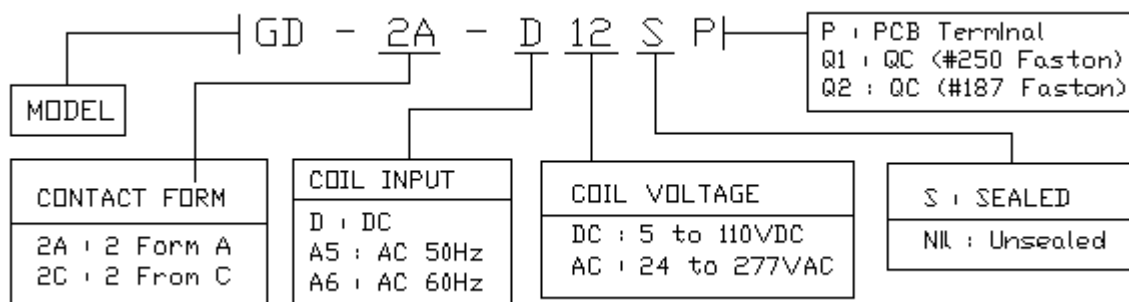


Contact Arrangement		2A	2C
Initial Contact Resistance		50mΩ(at 1A 6VDC)	
Contact Material		AgCdO	
Contact Ratings		NC: 3A 28VDC/277VAC / NO:30A 120/277AC;20A 28VDC	
Max Switching Voltage		277VAC/30VDC	
Max Switching Current		30A	
Max Switching Power		8,310VA / 560W	
Life Expectancy	Electrical	100,000 Ops (30A 250VAC) at 30 Operations / minute	
	Machanical	5,000,000 Operations	

► OPERATION CONDITION

Insulation Resistance		1000MΩ Min at 500VDC
Dielectric Strength Between	Open Contacts	1,500Vrms 1min.
	Contact poles	2,000Vrms 1min.
	Contacts and coil	4,000Vrms 1min.
Surge voltage between contacts and coil		10,000VAC
Operate Time		15ms
Release Time		10ms
Temperature Range		-40℃to+75℃
Shock Resistance	Operating Extremes	100m/s ²
	Damage Limits	1000m/s ²
Vibration Resistance		DA 1.65mm,10 to 55Hz
Humidity		35 to 85%,+40℃
Weight		Approx. 86g.
Construction		Dust cover and Sealed
Termination		Panel Mount QC

► ORDERING INFORMATION



► COIL PARAMETER

VDC

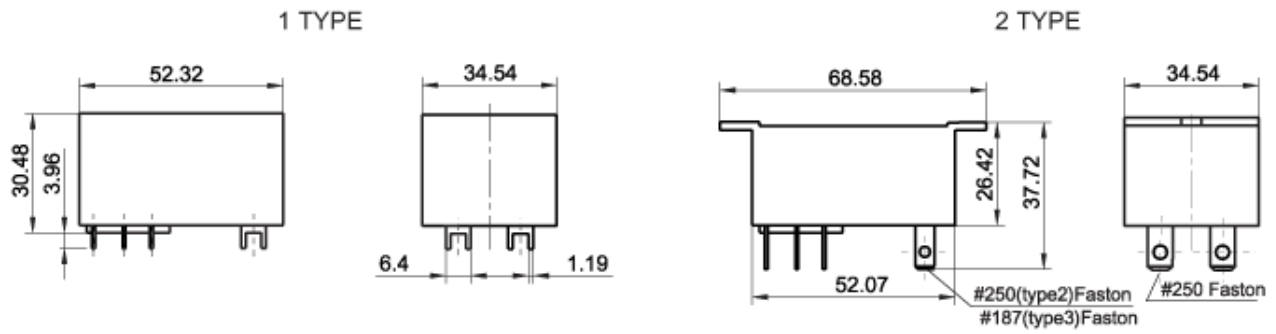
Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC (at 20℃)	Coil Resistance Ω
5	3.8	0.5	5.5	15.3±10%
6	4.5	0.6	6.6	22±10%
12	9	1.2	13.2	86±10%
24	18	2.4	26.4	350±10%
48	36	4.8	52.8	1390±10%
110	83	11	121	7255±10%

VAC

Nominal Voltage VAC	Pick-up Voltage VAC	Drop-out Voltage VAC	Max. allowable Voltage VAC (at 20℃)	Coil Resistance Ω
24	19.2	4.8	26.4	45±10% 50Hz
120	96	24	132	1125±10% 50Hz
208	166.4	41.6	228.8	3380±10% 50Hz
220	176	44	242	3800±10% 50Hz
240	192	48	264	4500±10% 50Hz
277	221	55.4	304.7	6000±10% 50Hz

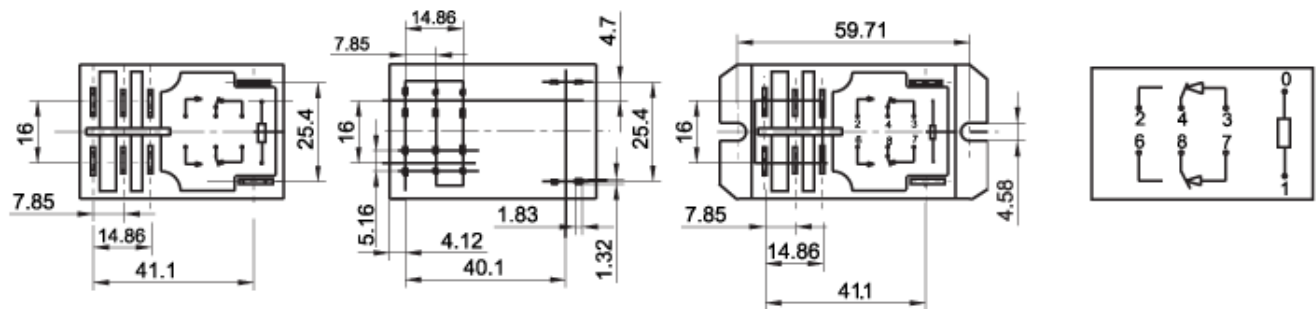
► DIMENSIONS(MM)

Outline Dimensions



PCB layout

Wiring Diagram



► CHARACTERISTICS CURVE

