

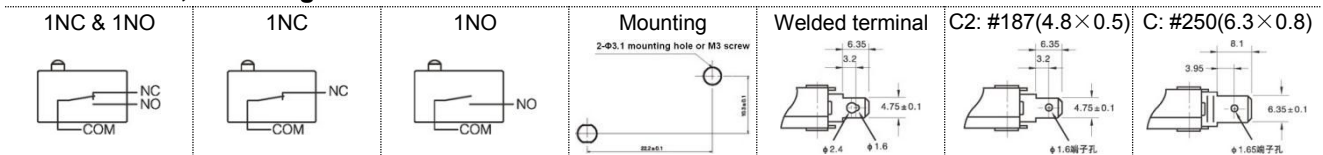
### Model and Description

NV	□	□	□	□	□
Model	Current: 16: 16(4)A 125/250VAC 21: 21(6)A 125/250VAC	Actuator: None: Pin Plunger Z: Short hinge lever Z1: Hinge lever Z2: Long hinge lever W: Simulated roller lever G: Short hinge roller lever G1: Hinge roller lever	Contact form: 1: 1NO & 1NC 2: 1NO 3: 1NC	Terminal type A: Welded terminal C: #250 type terminal C2: #187 type terminal(4.8×0.5) C3: #187 type terminal(4.8×0.8)	OF: 4: 0.98N 5: 1.96N 6: 3.92N

### Specification

Model	NV-16					NV-21				
	AC250V	DC8V	DC30V	DC125V	DC250V	AC250V	DC8V	DC30V	DC125V	DC250V
Rated voltage	AC250V	DC8V	DC30V	DC125V	DC250V	AC250V	DC8V	DC30V	DC125V	DC250V
Resistive load	16A	16A	10A	0.6A	0.3A	21A	21A	14A	0.6A	0.3A
Light load	2A	4A	4A	0.1A	0.05A	3A	5A	5A	0.01A	0.05A
Inductive load	10A	10A	10A	0.6A	0.3A	12A	12A	12A	0.6A	0.3A
Motor load	4A	6A	4A	0.1A	0.05A	6A	7A	5A	0.1A	0.05A
Contact material	Silver alloy									
Operating speed	0.1mm~1m/s									
Contact resistance	30mΩ max. (Initial value)									
Insulation resistance	100mΩ min. (at DC500V)									
Dielectric strength	1000V, 50/60Hz 1min between terminals of the same polarity									
	1500V, 50/60Hz 1min between each terminal and no-current-carrying metal parts 1500V, 50/60Hz 1min between current-carrying metal parts and ground									
Protection grade / PTI	IEC IP40 / 175									
Protection grade of electric shock	Class I									
Ambient temperature and humidity	Ambient operation temperature: -20℃~+125℃ with no icing and humidity: 60% max.									
Life expectancy	Mechanical: 1,000,000 operations min. Electrical: 100 000 operations min.									
Certification	CQC(GB15092.1), UL(UL61058, CSA-C22.2 No. 61058-1), ENEC(EN61058-1)									

### Contact Form, Mounting and The dimension of the terminal



### Dimensions

NV-16, NV-21							NV-16Z, NV-21Z							NV-16Z1, NV-21Z1						
Model	OF max.	RF min.	PT max.	OT min.	MD max.	OP	Model	OF max.	RF min.	PT max.	OT min.	MD max.	OP	Model	OF max.	RF min.	PT max.	OT min.	MD max.	OP
NV-16	1.96N	0.49N	1.2 mm	1.0 mm	0.4 mm	14.7±0.4mm	NV-16Z	1.96N	0.49N	1.2 mm	0.8 mm	0.6 mm	15.2±0.5mm	NV-16Z1	1.23N	0.14N	4.0 mm	1.6 mm	1.5 mm	15.2±1.2mm
NV-21	3.92N	0.78N	mm	mm	mm		NV-21Z	3.92N	0.49N	mm	mm	mm		NV-21Z1	2.45N	0.25N	mm	mm	mm	
NV-16Z2, NV-21Z2							NV-16W, NV-21W							NV-16G, NV-21G						
Model	OF max.	RF min.	PT max.	OT min.	MD max.	OP	Model	OF max.	RF min.	PT max.	OT min.	MD max.	OP	Model	OF max.	RF min.	PT max.	OT min.	MD max.	OP
NV-16Z2	0.69N	0.06N	9.0 mm	2.0 mm	2.8 mm	15.2±2.6mm	NV-16W	1.23N	0.14N	4.0 mm	1.6 mm	1.5 mm	18.7±1.2mm	NV-16G	2.35N	0.49N	1.6 mm	0.8 mm	0.6 mm	20.7±0.6mm
NV-21Z2	1.27N	0.12N	mm	mm	mm		NV-21W	2.45N	0.25N	mm	mm	mm		NV-21G	4.71N	0.49N	mm	mm	mm	
NV-16G1, NV-21G1																				
Model	OF max.	RF min.	PT max.	OT min.	MD max.	OP														
NV-16G1	1.23N	0.14N	4.0 mm	1.6 mm	1.5 mm	20.7±1.2mm														
NV-21G1	2.45N	0.25N	mm	mm	mm															