

G23A Series

Motor electronic lock for DC charging gun



■ Features

- High-density sealed motor electronic lock, meeting IP67 requirements
- Reliable locking, manual and automatic unlocking are available
- Accurate locking or unlocking positioning and clear gear
- The motor electronic lock is sensitive to forward and reverse conversion, with long service life, stable and reliable

■ Application

- ◆ Charging gun

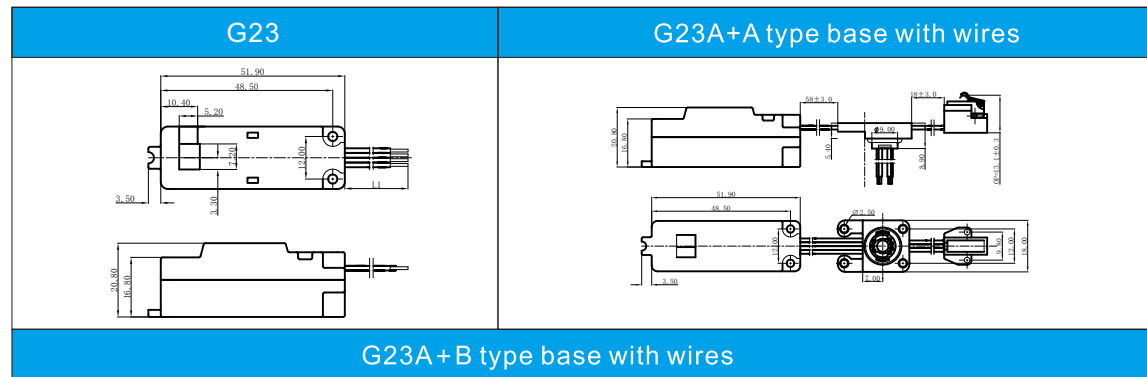
■ Parameters

Rating	12VDC	
Insulation Resistance	100MΩ Min.	
Dielectric Strength	500VAC (50~60Hz)	
Degree of Protection	IEC IP67 (Drive roller and housing excluded)	
Work Temperature	-40°C~+85°C	
Work Humidity	45% RH~85% RH	
Service Life	Electrical	60,000 cycles
	Mechanical	60,000 cycles (Min.)
Operating Frequency	Electrical	20 cycles/min
	Mechanical	20 cycles/min
Operating Features (At 12VDC)	(OF)	700g.cm (Min.)
	(HF)	250g.cm (Min.)
	(PT)	45° ±5°
	Shaft Strength	200N (No mechanical damage under vertical axial force)
	(OF)	250g.cm (Min.)

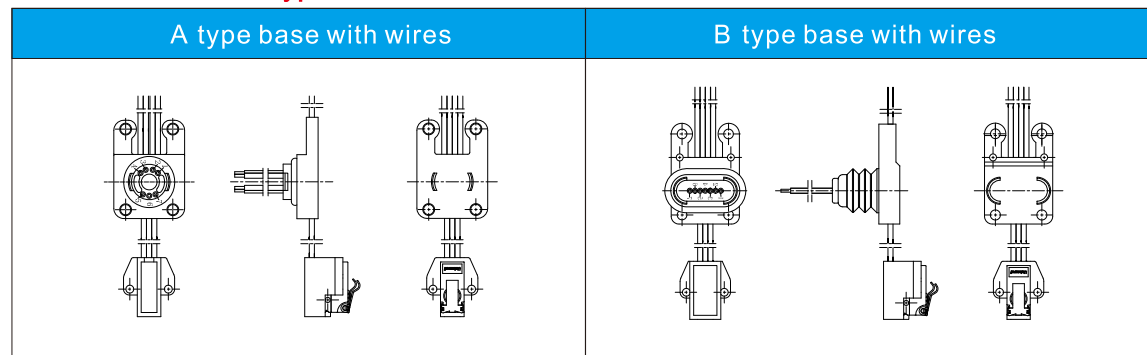
G23A Series Motor Electronic Lock Ordering Model Guide

G23A	G23A Electronic Lock Series	G23A Series
250	Torque	250g.cm (Min.) ... Other
A	Wire Spec	A 26#AWG B 24#AWG C 22#AWG D 20#AWG ... Other
B	Feedback Switch Function	A (NC) B (NO) ... Other
01	Manual Unlocking Type	A None "+" type base unlock "++" type base unlock
A	Wire Type	A AVSS B UL1007 C UL1061 D UL1332 E UL1430 F UL1571 G FLY-A H UL3266
300	Wire Length	00 None 300 300mm Wire Length Motor. Positive Red Wire Negative Black Wire COM Terminal White Wire NC Orange Wire 500 500mm Wire Length Motor. Positive Red Wire Negative Black Wire COM Terminal White Wire NC Orange Wire
A	Conductor Holder Type	N None A A type base with wires B B type base with wires
A	Resistance combination	N None A Switch Built-in Resistor Combination R1=1KΩ; R2=1KΩ B Switch Built-in Resistor Combination R1=220Ω; R2=3.3KΩ C Switch Built-in Resistor Combination R1=1.5Ω; R2=1.8KΩ D Switch Built-in Resistor Combination R1=2.0Ω; R2=2.7KΩ E Switch Built-in Resistor Combination R1=2.0Ω; R2=1.5KΩ F Switch Built-in Resistor Combination R1=1.00KΩ; R2=3.3KΩ G Switch Built-in Resistor Combination R1=1.0KΩ; R2=3.3KΩ H Switch Built-in Resistor Combination R1=150KΩ; R2=330KΩ J Switch Built-in Resistor Combination R1=680Ω; R2=2.7KΩ
T001	Custom Code	General T0 01 Customized according to the code format is T+serial number+XXX, for example: T001 ... Other

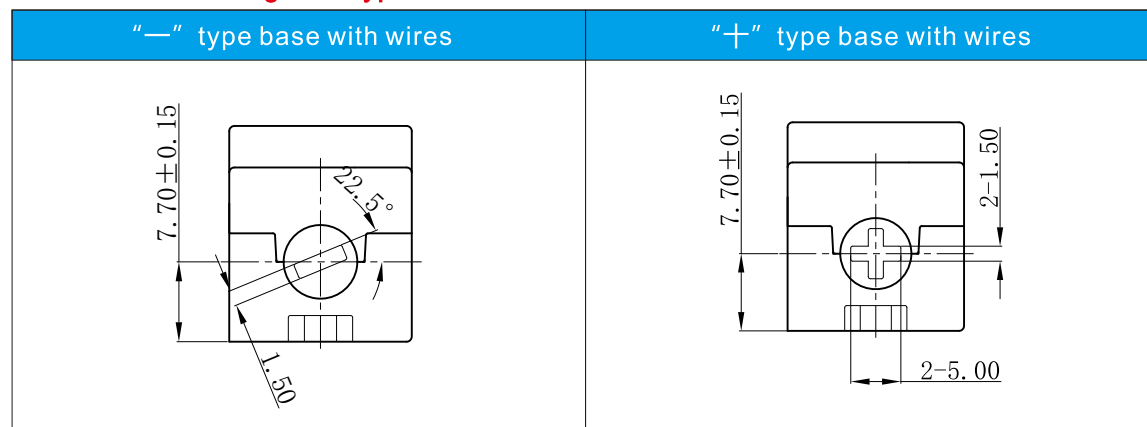
Basic Overall Dimensions and Installation Dimensions



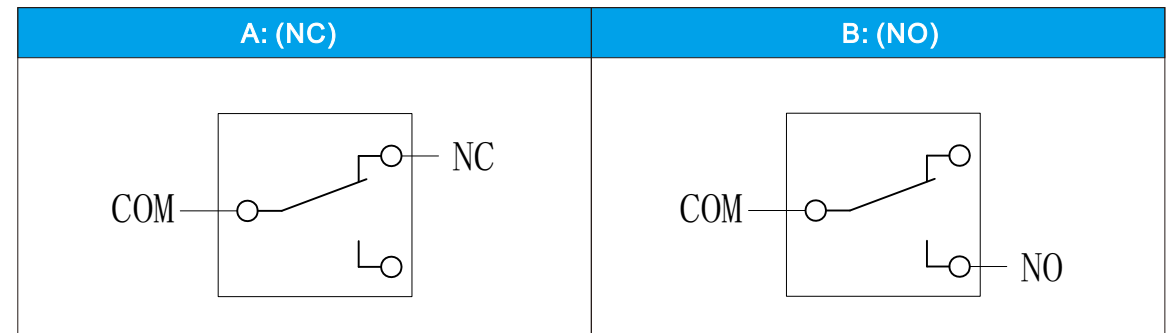
Base With Wires Type



Manual Unlocking Port Type

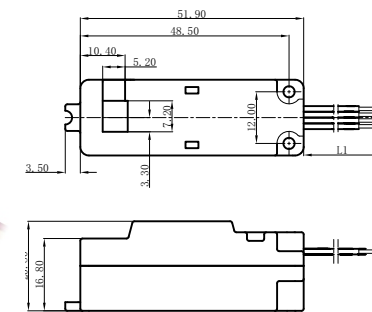


Feedback Switch Function



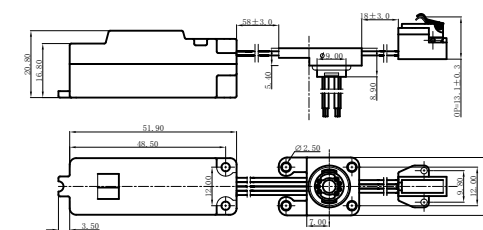
Dimensions and Operating Characteristics

G23A-250BB02AXXXNNU



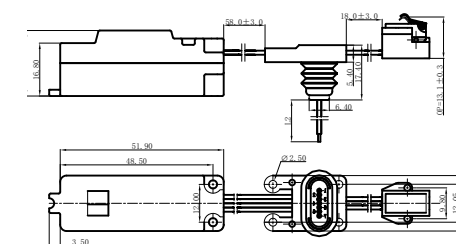
OF	HF	PT	Shaft Strength	OF
700g.cm (Min)	250g.cm (Min)	45°±5°	200N Vertical Axial Force Without Mechanical Damage	250g.cm (Min)

G23A-250AB02A300AAU



OF	HF	PT	Shaft Strength	OF
700g.cm (Min)	250g.cm (Min)	45°±5°	200N Vertical Axial Force Without Mechanical Damage	250g.cm (Min)

G23A-250AB02A300ABU



OF	HF	PT	Shaft Strength	OF
700g.cm (Min)	250g.cm (Min)	45°±5°	200N Vertical Axial Force Without Mechanical Damage	250g.cm (Min)