



Specifications		Units	Data
Rated Voltage		Vdc	1000
Contact Arrangement			
Main (Bidirectional)		SPST-NO	
Auxiliary		SPST-NO	
Nominal Current		A	600
Mechanical Life		Cycles	200000
Max Breaking (1000VDC/±300A)		Cycles	1
AUX Electrical Life (@25°)			
5VDC/100mA		Cycles	200000
2.5VDC/5mA		Cycles	200000
Contact Resistance (@200A)		mohms	Max 0.25 Typical 0.16
Dielectric At Sea Level (Leakage < 1mA)		VRMS	4300
Shock, 1/2 Sine			
Functional, 11ms		G	20
Destructive,6ms		G	50
Vibration, Sinusoidal (10-55 Hz)		G	5
Operating Ambient Temp Range		C	-40 to +85
Storage Ambient Temp Range		C	-70 to +150
Weight		Kg	0.498
Coil Type		Dual coil	
Coil Voltage, Nominal		Vdc	24
Coil Voltage, Max(@25C)		Vdc	32
Pick-Up Voltage, Max (@25°)		Vdc	16
Drop-out Voltage, Min (@25°)		Vdc	6
Hold Coil Current (@25°)		A	0.17
Pick-UP Coil Current (@25°) (< 100ms)		A	2.9
Coil Holding Power (@25°)		W	4.1
Inrush Time,Max (@25°)		ms	100
Operate Time(include Bounce), Max (@25°)		ms	30 Typical 25
Release Time, Max (@25°)		ms	15
Mounting Torque		N·m	3~4
Power Connection Torque		N·m	10~12

REVISION TABLE										
FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE. PARTS MADE TO THIS PRINT MUST CONFORM TO ENG. STD. QMS01106181					<div><div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div></div><div>Sensata Technologies</div></div><div>SENSATA TECHNOLOGIES MANAGEMENT CO., LTD SHANG CHINA</div></div></div></div></div>					
ISSUE DATE		2024-03-13		NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES					TITLE GXVB611CAB ENV	
DRAWN		Andy Li								
ENGINEER		Andy Li								
APPROVAL		Zheng Yan								
PRODUCT GROUP		CES		INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. TOLERANCES: <u>LINEAR</u> <u>ANGLES</u>						
SURFACE TREATMENT/PLATING										
		MATERIAL N.A.								
GEN. ROUGHNESS		APPROX. WEIGHT		DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION		DRAWING SIZE		
<div><div></div><div>Ra</div></div>		<div><div></div><div>g</div></div>		<div><div></div><div>A2</div></div>		<div><div></div></div>				
					DRAWING NUMBER				REV	
					180029				6	
SCALE 1:1			SOLIDWORKS			SHEET 1 OF 1				