



- 35A switching capability
- Ambient temp.range upto 125°C
- Dustproof and sealed type available

Diagram illustrating the breakdown of a relay part number (12VDC / 24VDC S sealed / F dustproof 1.PCB type Without: QC terminal A/B/C) into its components:

- 12VDC / 24VDC**: Coil Voltage
- S sealed / F dustproof**: Construction
- 1.PCB type**: Version
- Without: QC terminal**: Without: without parallel components
- A/B/C**: Contact arrangement

Contact arrangement	A /B/C
Voltage drop	≤200mV
Contact material	Silver alloy: AgCdO、AgSnO ₂ 、AgNi
Contact rating	20A/35A 14VDC
Max switching voltage	30VDC
Max switching current	35A (Resistive 14VDC)
Min contact load	1A 6VDC
Electrical endurance (frequency: 900 ops/h)	1x10 ⁶ ops
Mechanical endurance (frequency: 18000 ops/h)	1x10 ⁷ ops

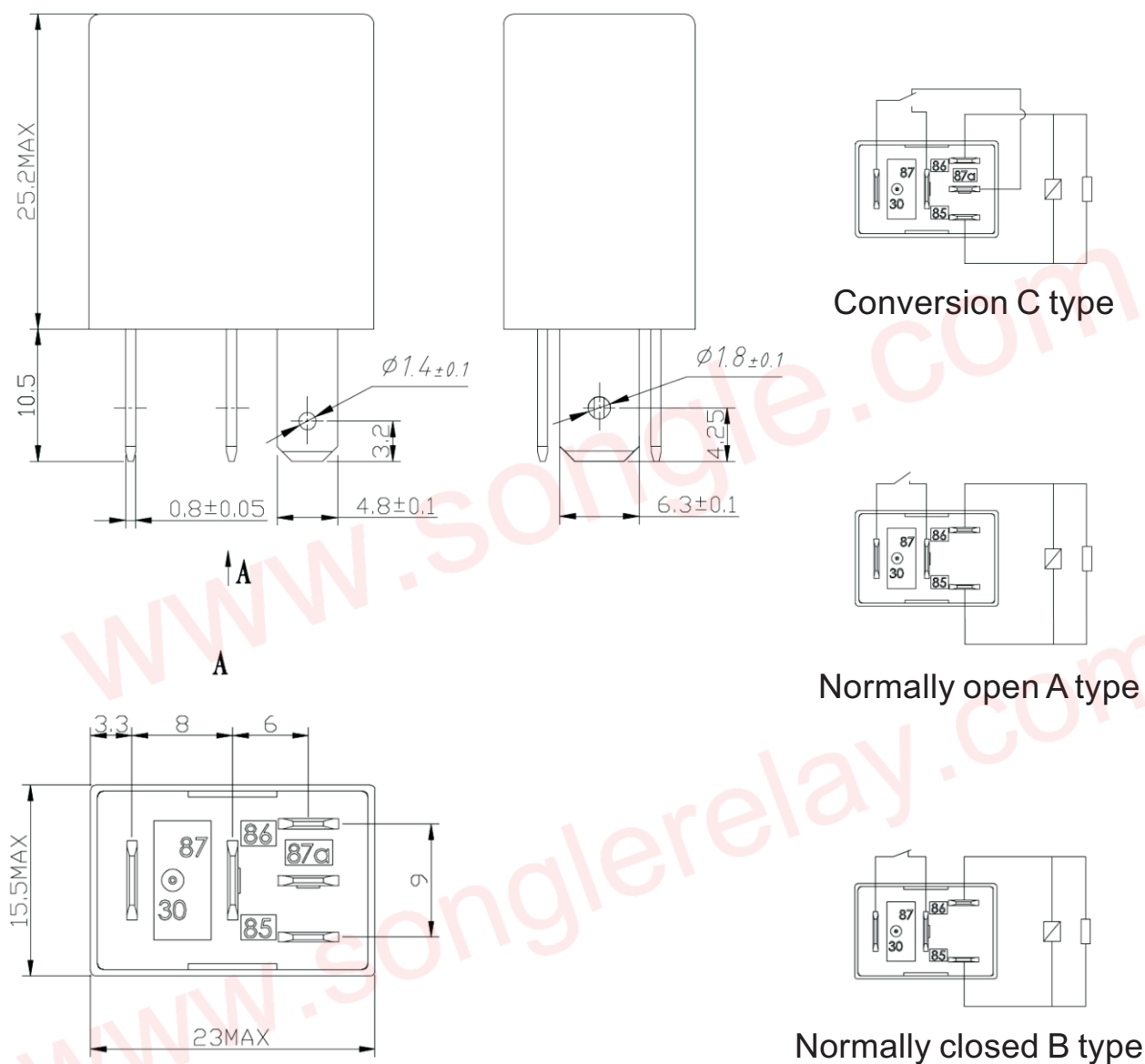
Insulation system		Class B / Class F
Insulation resistance		100M Ω (500VDC)
Dielectric Strength	Between contacts and coil	550VAC 1 minute
	Between open contacts	550VAC 1 minute
Operate time(Under nominal voltage)		$\leq 10\text{ms}$
Release time(Under nominal voltage)		$\leq 10\text{ms}$
Humidity		85% RH (20°C)
Ambient Temperature		-40°C~+125°C
Shock resistance	Functional	98m/s ²
	Destructive	980m/s ²
Vibration resistance (Double amplitude)		5Hz~22.3Hz 10mm
Weight		Approx 20g
Construction		Dustproof and Sealed type

Power dissipation W	Voltage VDC	Current $\Omega \pm 10\%$	Resistance Ω	Pick-up voltage	Drop-out voltage	Max allowable
1.5	12	96		70%Max	10%Min	130%
1.7	12	96	680			
1.5	24	384				
1.7	24	384	2700			

OUTLINE DIMENSIONS , WIRING DIAGRAM

Unit:mm

SLM-12(24)-(S)-R-C(A/B)

Tolerance: ± 0.3

Terminal deviation tolerance is 0.2mm

This product specification only for your reference, we will not notify you if we do any improvement. We reserve all the right for the final explanation