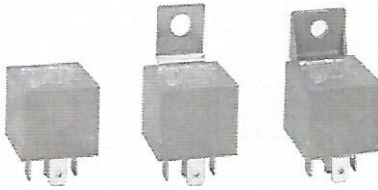


FLS 820



Features

- 40A switching capability
- 1 form A, 1 form B, 1 form C, 1 form U, 2 form A contact form
- Various mounting terminations available
- Sealed IP67 and dust cover types available
- Outline dimensions: 25.0X27.4X28.4

Specification

Contact Form	1A, 1B, 1C, 1U, 2A
Contact Material	AgSno2
Max.Operating Current	40A
Max.Operating Voltage	27VDC
Rated Load (Resistive load)	1A:40A 13.5VDC 20A 27VDC 1C:NO/NC 40A/30A 13.5VDC 20A/15A 27VDC
Insulation Resistance	100MΩ
Dielectric Strength (Coil and Contact)	500VAC/M
Ambient Temperature	-40 °C~+85 °C
Operate/Release Time	10ms/10ms
Mechanical Life	1 X10 ⁶
Electrical Life	1 X10 ⁵
Terminal Type	Terminal

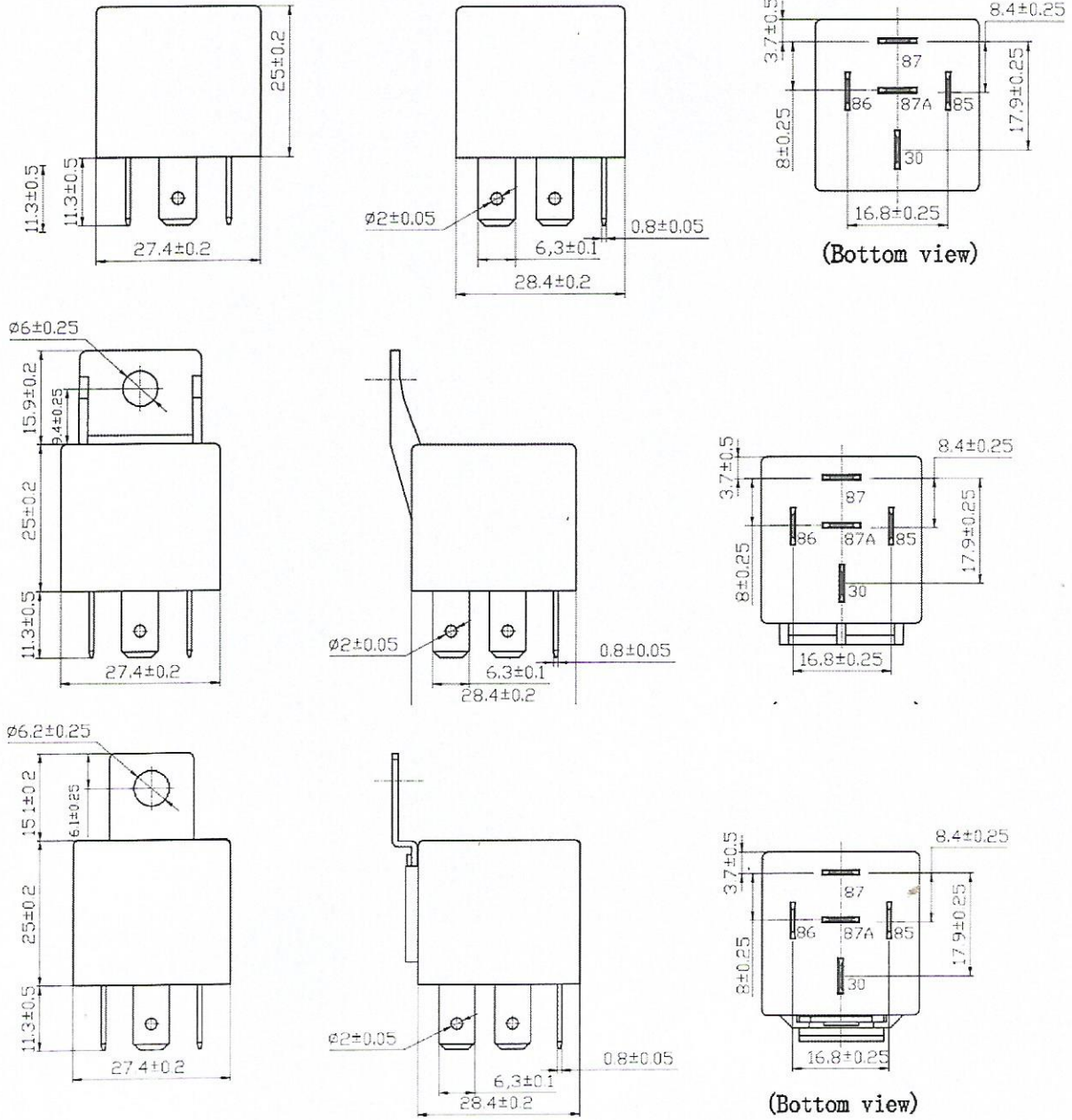
Coil Ratings

	Normal voltage (VDC)	Pick-up voltage (VDC)	Drop-out voltage (VDC)	Coil resistance (Q±10%)	Parallel resistance (Q±5%)	Equivalent resistance (Q±10%)	Power consumption (W)	Max.allowable overdrive voltage ¹ (VDC)	
								20 °C	85 °C
Standard	12	8.4	1.2	90	-	-	1.6	20.2	15.7
	12	8.4	1.2	80	680	79.5	1.8	20.2	15.7
	24	16.8	2.4	360	-	-	1.6	40.5	31.5
	24	16.8	2.4	320	2700	317.6	1.8	40.5	31.5

ORDERING GUIDE

FLS820	012	1A	1	G	R	xx
Relay Type						
Coil Voltage: 006: 6VDC 012: 12VDC 024: 24VDC						
Contact Form: 1A : 1 form normal open 1B : 1 form normal close 1C : 1 form changeover 1U: 1 form move combine 2A:1 form static combine						
Shell Type: 1:smooth shell 2 :metal bracket 2T: metal bracket – transparen 2K:metal bracket – open shell 3:plastic bracket						
Contact Material: : AgSno2						
R Parallel Resistor (680Ω 12V) (2700Ω 24V)						
Coil Parallel Components : D1 Parallel Diode, positive pole connect with 86 pin D2 Parallel Diode, positive pole connect with 85 pin N :No Parallel Components						
Customer Request : XXXXXXXX						

EXTERNAL DIMENSIONS



Remark: (1) In case of no tolerance shown in outline dimension: outline dimension ≤ 1 mm, tolerance should be ± 0.2 mm; Outline dimension > 1 mm and ≤ 5 mm, tolerance should be ± 0.3 mm; outline dimension > 5 mm, tolerance should be ± 0.4 mm.

