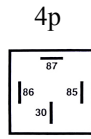
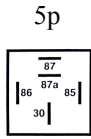


## FLS 820



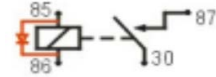
### Features

- 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



### Cartown Spec.

- 40A switching capability
- Protective Diode
- 4-Pole or 5-pole switching

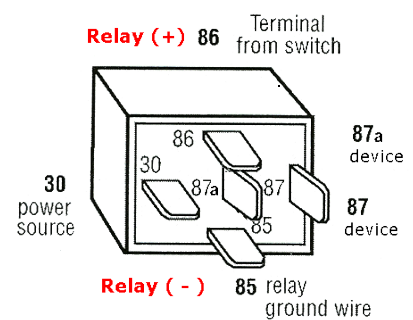
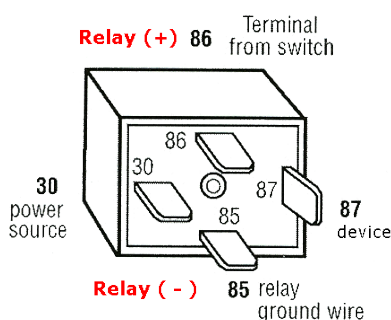
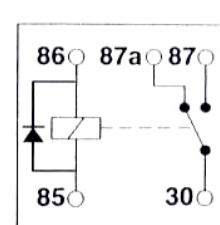
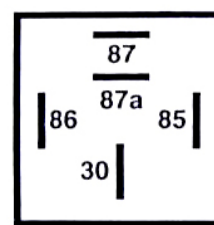
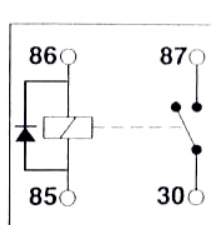
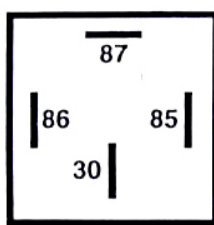
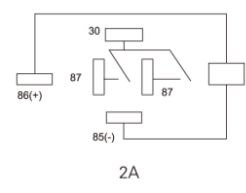
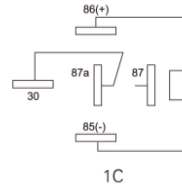
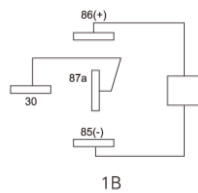
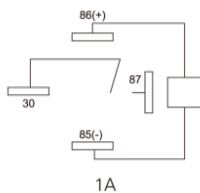


### Specification

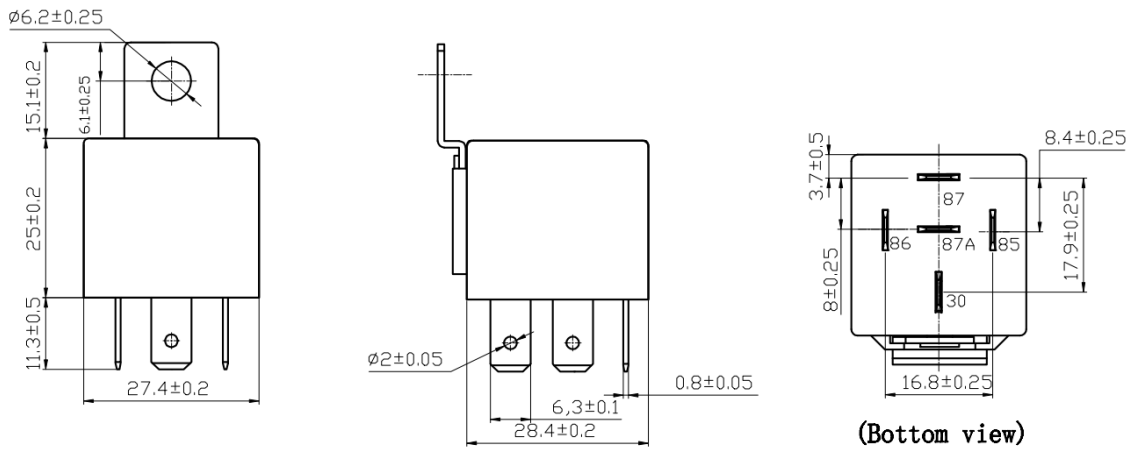
Contact Form	1A, 1B, 1C, 1U, 2A
Contact Material	AgSno2
Max.Operating Current	40A
Max.Operating Voltage	27VDC
Rated Load (Resistive load)	1A:40A 13.5VDC 20A 27VDC 1C:NO/NC 40A/30A 13.5VDC 20A/15A 27VDC
Insulation Resistance	100MΩ
Dielectric Strength (Coil and Contact)	500VAC/M
Ambient Temperature	-40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

### Coil Ratings

Standard	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 <sup>1)</sup> (VDC)	
								20 °C	85 °C
								12	8.4
12	8.4	1.2	80	680	79.5	1.8	20.2	15.7	



## EXTERNAL DIMENSIONS



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