



Features

- Small size and light weight.
- Switching capacity up to 40A.
- Direct insert mounting available.
- Suitable for automotive multi-control.

ORDERING INFORMATION

	PR0018/	012	1A	N
Type				
Coil voltage:	6,12, 24VDC			
Contact arrangement:	1A:1 Form A; 1C: 1 Form C 1B:1 Form b; 1U: 1 Form C			
Customer special request code:	N: AgNi; S: AgSnO ₂			

CONTACT DATA

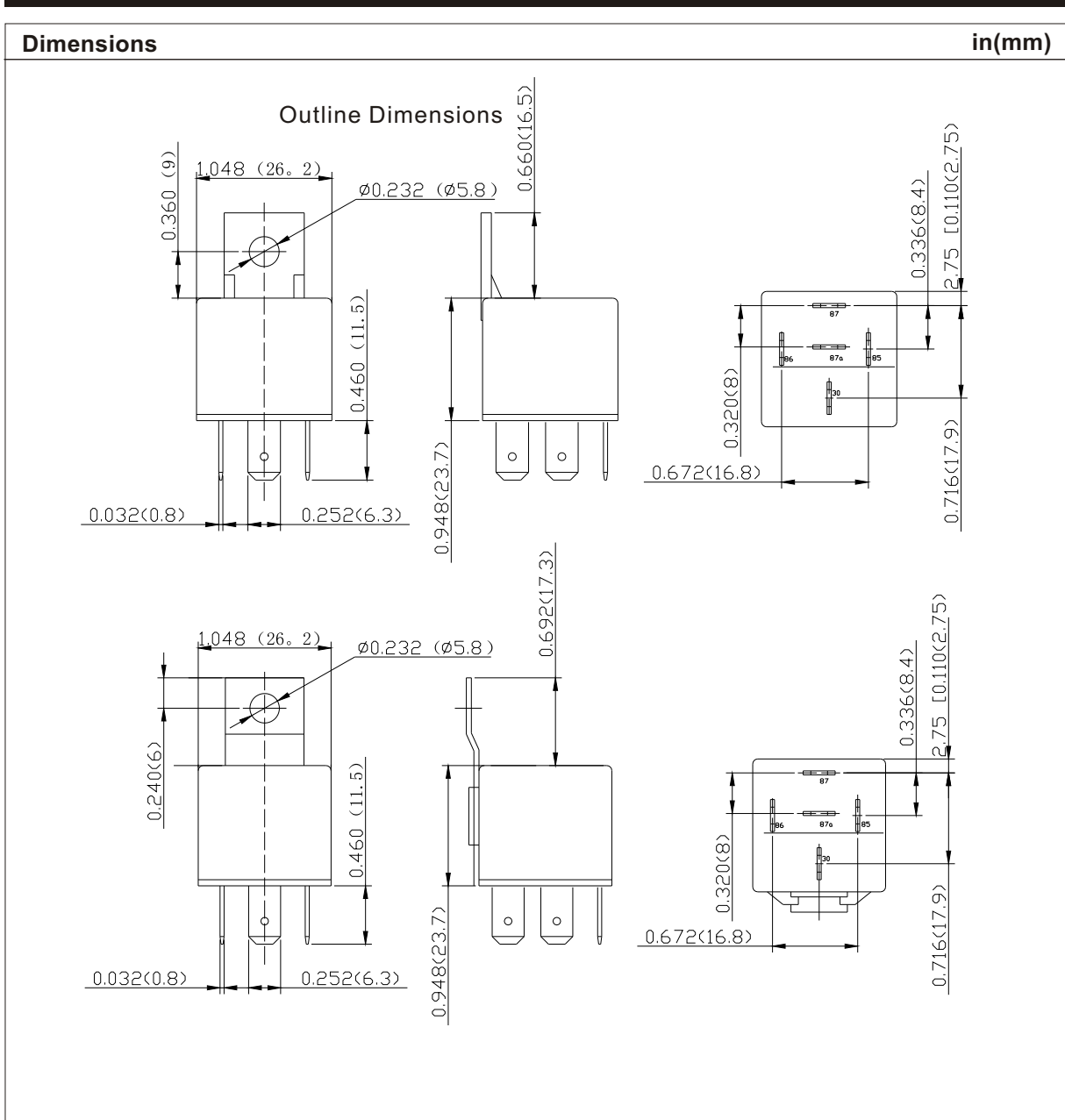
Contact Arrangement		1 A	1B	1C
Max. Switching current		40A		
Max. Switching Voltage		75VDC		
Contact Rating (resistive)		40A 14VDC	30A 14VDC	NO: 40A 14VDC NC: 30A 14VDC
Max. Switching Power		630W		
Contact Material		AgNi AgSnO ₂		
Initial Contact Resistance		50m Ω		
Operational life	Electrical	1× 10 ⁵ ops		
	Mechanical	1× 10 ⁶ ops		

COIL DATA

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max Allowable Overdrive VDC 20°C	Coil Resistance Ω±10%
006	3.9	0.6	4.5	22.5±10%
012	7.8	1.2	9	90±10%
24	15.6	2.4	18	360±10%

CHARACTERISTICS

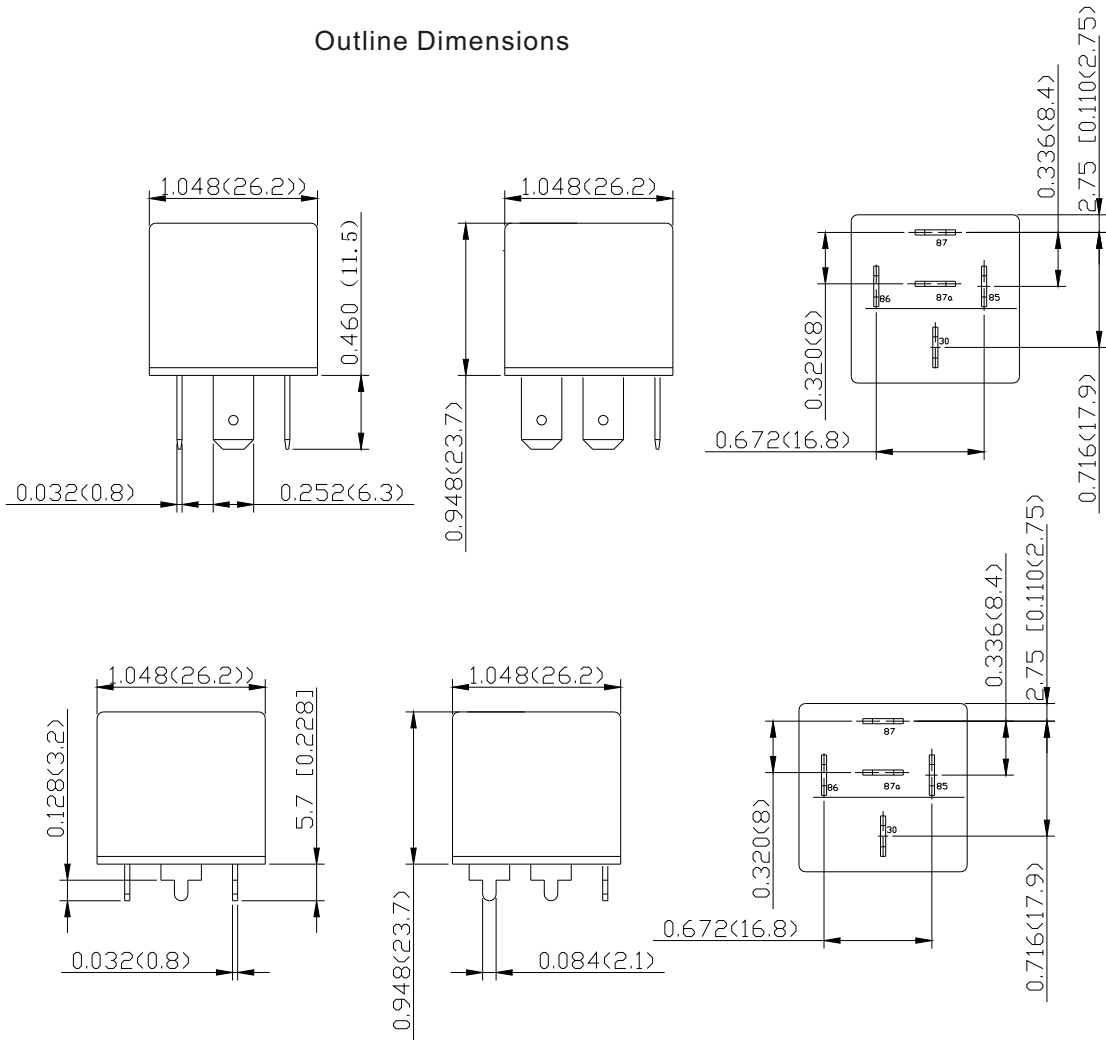
Initial Insulation Resistance	100M Ω ,500VDC
Dielectric Strength	500VAC
Operate time(at nomi.Volt.)	7ms
Release time(at nomi.Volt.)	5ms
Power Consumption	1.6W
Destructive	98m/s² (10g)
Shock Resistance	1.3mm, 5to55 Hz
Storage Temperature	-40 $^{\circ}$ C to +105 $^{\circ}$ C
Ambient Temperature	-40 $^{\circ}$ C to +85 $^{\circ}$ C
Unit weight	36g/55g
Termination	PCB and Plug-in



Dimensions

in(mm)

Outline Dimensions



Wiring diagram (Bottom views)

