

## FEATURE

- Slim size (28mm x 5mm x 14.6mm)
- 6A switching current
- 1A, 1B & 1C configurations
- PCB Terminal
- UL Approval file No.: E179936
- VDE approval, File No.: 40020887

## CONTACT DATA

Contact form	1A, 1B & 1C
Contact resistance (Initial)	Max.100mΩ (at 1A 6VDC) Gold plated:30mΩ (at 1A 6VDC)
Rated load	
Resistive load	6A 250VAC/30VDC
Rated carrying current	6A
Max. switching voltage	400VAC/125VDC
Max. switching power	1500VA/180W
Max. breaking voltage AC	440VAC
Contact material	AgNi / AgSnO <sub>2</sub>
Weight	Approx.5.4g

## SPECIFICATION

Insulation resistance	1000MΩ at normal temperature & humidity
Dielectric strength	4000VAC,1min .between coil and contacts 1000VAC,1min . between open contacts
Operate time	Max. 8 ms
Release time	Max. 4 ms
Atmospheric pressure	86 – 106KPa
Vibration resistance	10-55Hz, at double amplitude of 1.5mm
Shock resistance	Functional: 49m/s <sup>2</sup> Destructive: 980m/s <sup>2</sup>
Humidity	5% to 85%
Ambient temperature	- 40°C to + 85°C
Life expectancy	Electrical:1 x 10 <sup>5</sup> operations Mechanical: 1x 10 <sup>7</sup> operations

## COIL SPECIFICATIONS

Nominal voltage (VDC)	Set voltage (VDC)	Reset voltage (VDC)	Nominal current (mA±10%)	Coil resistance ( Ω ± 10%)	Power consumption (mW)
3	2.25	0.15	56.67	52.9	170
5	3.75	0.25	34	147	170
6	4.50	0.30	28.33	212	170
9	6.75	0.45	18.89	476	170
12	9.00	0.60	14.17	848	170
18	13.5	0.90	9.44	1906±15%	170
24	18.0	1.20	7.08	3390±15%	170
48	36.0	2.40	4.38	10600±15%	210
60	45.0	3.00	3.5	16600±15%	210

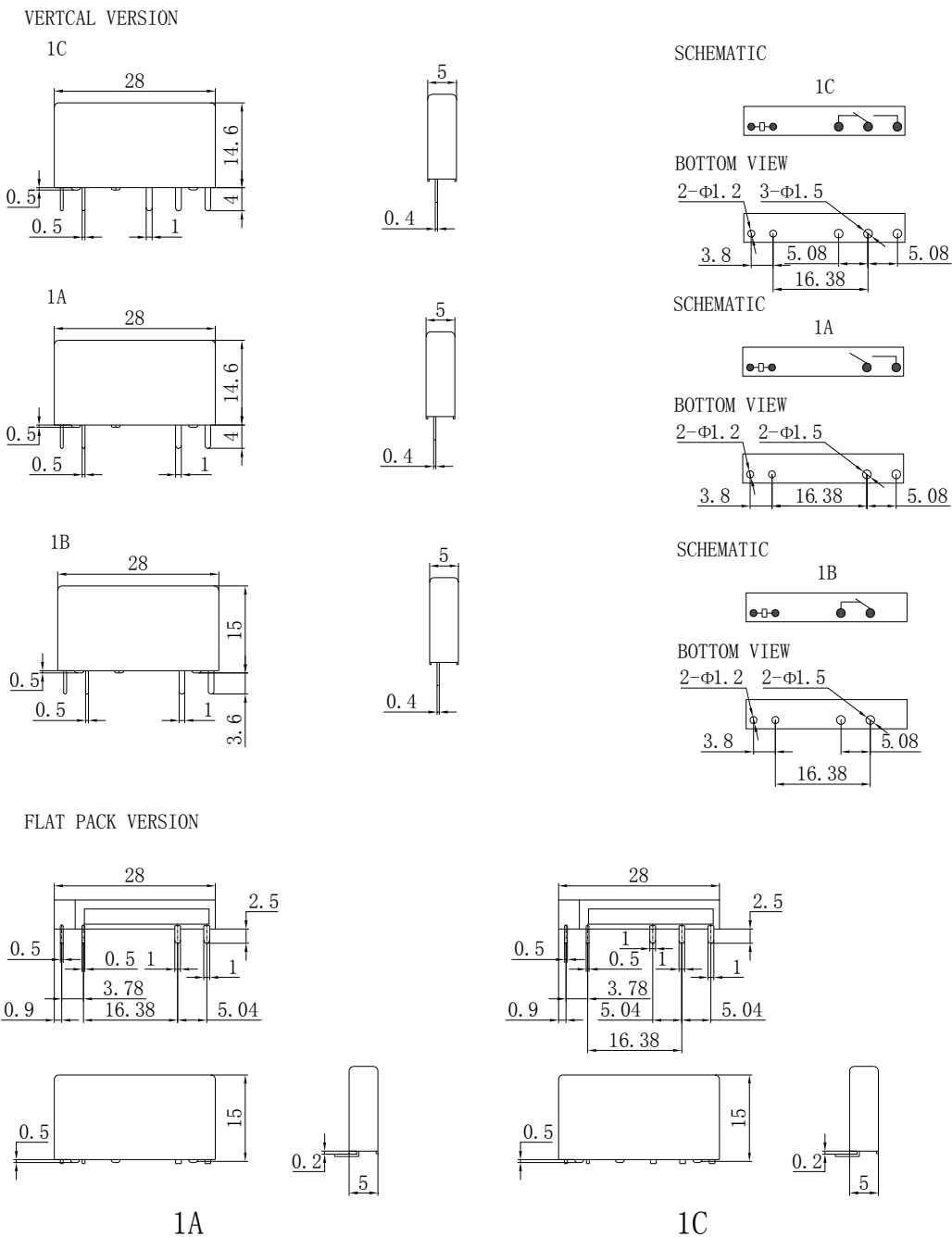
## ORDERING INFORMATION

ME-32 - 012 - Z 8 S G

Model No.	Coil Voltage	Contact Form	Version	Protection	Contact Material
ME-32	5VDC – 60VDC	H: 1A D: 1B Z: 1C	Nil: Vertical version 8: Flat pack version	Nil: Flux proofed S: Sealed type	Nil: AgNi G: Gold Plated T: AgSnO <sub>2</sub>

## DIMENSIONS (unit:mm)

Tolerance:±0.5mm



Disclaimer: All the specifications are subject to change without notice