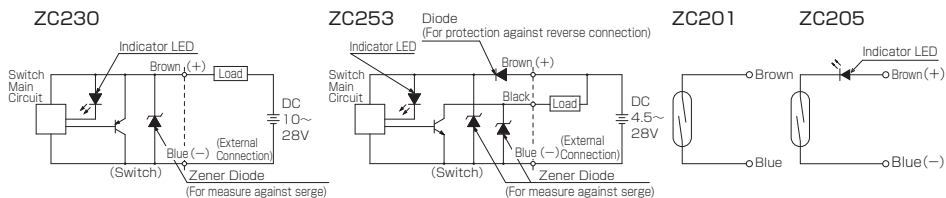


## Specifications

Item	Type	ZE135	ZE155	ZE235	ZE255
Switch Type		Reed Switch		Solid State	
Wiring Method		2 Wire System		3 Wire System	
Lead Wire Leading Direction		Straight Type			
Power-supply Voltage		—			DC4.5~28V
Load Voltage		DC5~28V AC85~115V (r.m.s)	DC10~28V		DC4.5~28V
Load Current		DC0.1~40mA AC2~25mA	DC5~40mA		DC100mA MAX.
Consumption Current at ON		—			10mA MAX. (DC24V)
Internal Drop Voltage <sup>Note 1)</sup>		10mV MAX. (When the load current is 40mA)	2.1V MAX. (When the load current is 40mA)	3.5V MAX.	0.5V MAX. (When the load current is 50mA)
Leak Current		0mA		1mA (DC24V)	50μA MAX. (DC24V)
Delay Time		1ms MAX.			
Insulation Resistance <sup>Note 2)</sup>		100MΩ MIN. (Between case and lead wire terminal at DC 500V Mega)			
Withstand Voltage <sup>Note 2)</sup>		AC1000V (50/60Hz) 1 minute (Between case and lead wire terminal)		AC500V (50/60Hz) 1 minute (Between case and lead wire terminal)	
Shock Resistance		294m/s <sup>2</sup> [30.0G] (Non-repetitive)			
Vibration Resistance		Double amplitude 1.5mm·10~55Hz [88.3m/s <sup>2</sup> (9.0G)] Resonance frequency 2750±250Hz			
Protection Structure		IEC IP67, JIS C0920 (Watertight type)			
Operation Indicator		Red LED indicator illuminates at ON			
Lead Wire <sup>Note 3)</sup>		PVC0.25SQ×2 cores (brown, blue)×1			PVC0.25SQ×3 cores (brown, blue, black)×1
Operating Temperature Range		0~60°C			
Storage Temperature Range		-10~70°C			
Contact Protection Measure		Required	—		
Mass		20 g (When the lead wire length A is 1 m)			

Note 1): The internal drop voltage changes depending on the load current. Note 2): As per our test standards. Note 3): Lead wire length L: A: 1 m, B: 3 m

## Internal Circuit



## Outside Dimensions [mm]

