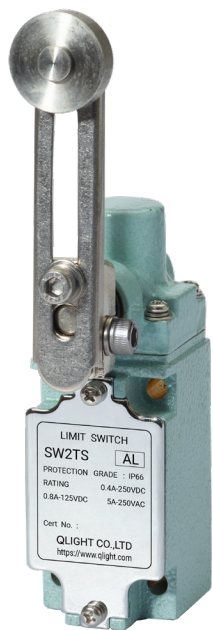


## SW2TS Series



### PRODUCT SPECIFICATION

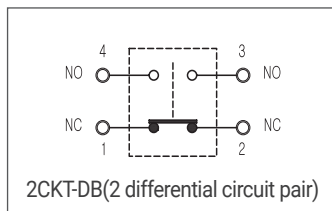
SW2TS Series

**Materials** Body, Head, Bolt & Nut, Roller,  
Spring Rod-Stainless Steel

**Standard Housing color** MUNSELL No. 7.5BG 7/2

- Robust structure featuring a body and head made of STS316L stainless steel, offering exceptional corrosion and salt resistance, ideally suited for marine and chemical gas environments
- Stable operational characteristics maintained even after prolonged use, achieved through our proprietary dual-return spring system
- Superior corrosion resistance demonstrated in harsh polar and offshore conditions by employing stainless steel (STS) external bolts, nuts, and components
- Reliable performance in extreme low-temperature environments ensured by cold-resistant micro switches, low-temperature grease, and silicone packing
- Heavy-duty specifications with identical mounting holes and external dimensions as standard switches
- Typical applications: Overhead cranes, large-scale conveyors, heavy industrial machinery Outdoor plant facilities, ship deck machinery, port cargo handling equipment Chemical plants with corrosive acidic or alkaline gases present
- Customizable low-temperature type (-40°C to +40°C) and high-temperature type (+50°C to +120°C) available upon request

### Circuit & Electrical Rating

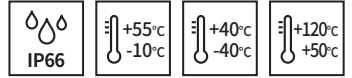


- 10A - 125V
- 6A - 250V
- 0.8A - 125VDC
- 0.4A - 125VDC

※Please refer to [Ratings and Circuit Configuration] in this catalogue for the rated voltage of each load.

### Specifications

<b>Protection Grade</b>		IP66
<b>Mechanical Life</b>		Over 2 million operations
<b>Electrical Life</b>		Over 0.2 million operations
<b>Allowable Operating Cycle</b>	<b>Mechanical</b>	120 Operations per minute max.
	<b>Electrical</b>	30 Operations per minute max.
<b>Insulation Resistance</b>		100MΩ min. at 500V DC
<b>Initial Resistance</b>		50MΩ max.
<b>Dielectric Strength</b>	<b>Between Non-continuous Terminal</b>	1,000VAC, 50 to 60Hz for 1 minute
	<b>Between Each Terminal and Non-conducting Metal Part</b>	2,000VAC, 50 to 60Hz for 1 minute
<b>Shock Resistance</b>	<b>Destruction</b>	Approx. 1,000m/s <sup>2</sup> (100G)
	<b>Malfunction</b>	Approx. 250m/s <sup>2</sup> (25G)
<b>Vibration Resistance</b>		10 to 55Hz 1.5mm double amplitude(Double Amplitude)
<b>Allowable Operating Temperature Range</b>		-10°C to +55°C -40°C to +40°C(Cold-Resistant Type) +50°C to +120°C(Heat-Resistant Type)
<b>Ambient Humidity Range</b>		45 to 85% RH
<b>Certificates</b>		-

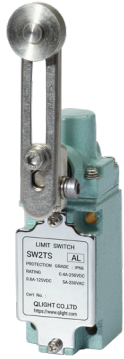


## SW2TS Series Specifications

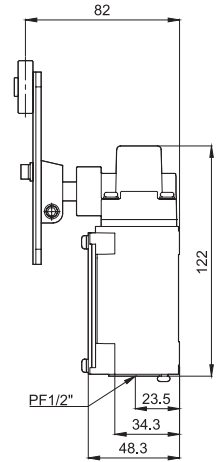
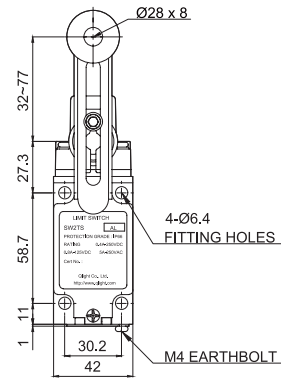
(Units: mm)

Appearance	Detailed Specifications	Technical Diagram
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### ·SW2TS-AL Adjustable Roller Lever



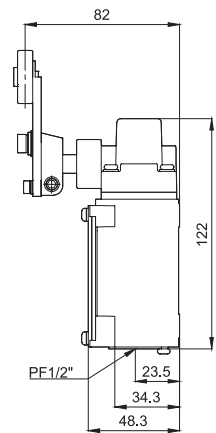
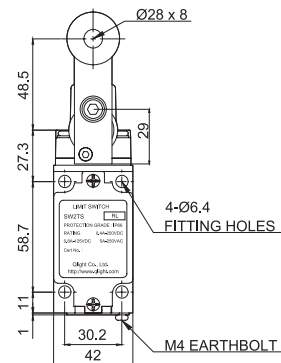
· Operating Characteristics	
OF max.g	1,380
RF min.g	260
PT	25° ±5°
MD max	10°
TT min	70°
· Weight	
SW2TS - AL	Abt. 0.98kg



### ·SW2TS-RL Roller Lever



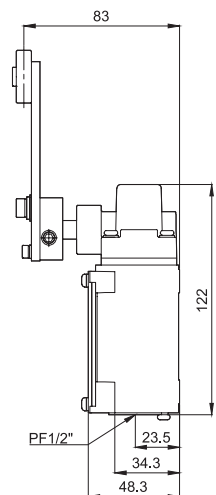
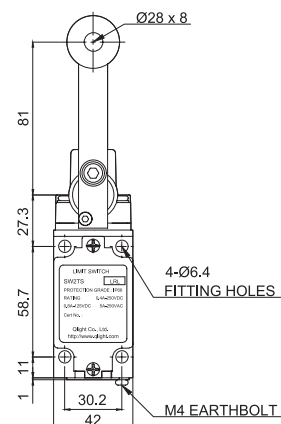
· Operating Characteristics	
OF max.g	1,300
RF min.g	260
PT	25° ±5°
MD max	10°
TT min	70°
· Weight	
SW2TS - RL	Abt. 0.97kg



### ·SW2TS-LRL Large Roller Lever



· Operating Characteristics	
OF max.g	1,380
RF min.g	260
PT	25° ±5°
MD max	10°
TT min	70°
· Weight	
SW2TS - LRL	Abt. 0.99kg



## Remarks & Caution

- The size allowance not indicated on the above is ±0.4mm.
- In case the product is installed outdoor or for water-proof usage, use water-proof connector or cable gland for cable entry.
- Keep the cable entry airtight by using water-proof cap in case it is contemporary installed outdoor without using water-proof connector or cable gland.
- Power Entry Standard: PF1/2"