TOGGLE SWITCH

Features

- Several actuator type options.
- Easy to identify by colorful actuator cover options.
- Push button available.
- UL approval.



Specifications

Item	Standard	
Rating	10A 250VAC / 15A 125VAC 15A 250VAC / 20A 125VAC	UL61058
Contact Resistance	25mΩ max.(initial)	
Dielectric Strength	AC 1000V (50/60 Hz for 1 minute)	
Insulation Resistance	100MΩ min (at 500 VDC)	
Electrically Life	30,000 Cycle min	
Mechanically Life	100,000 Cycle min	

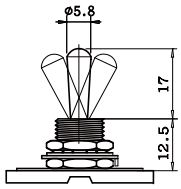
Product Selection

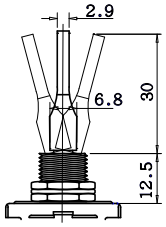
T- □ □ □ □-□

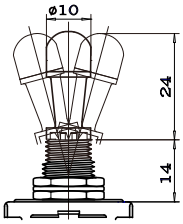
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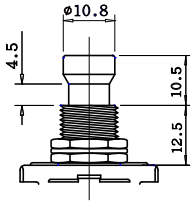
1.ACTUATOR TYPES

_: Metal Actuator	GP: Metal Actuator W/ Plastic Cover	GS: Metal Actuator W/ Lock Function	GB: Button type









2.CONTACT TYPES

11: 2P ON-OFF	SPST
12: 3P ON-ON	SPDT
13: 3P ON-OFF-ON	SPDT
21: 4P ON-OFF	DPST
22: 6P ON-ON	DPDT
23: 6P ON-OFF-ON	DPDT
31: 6P ON-OFF	3PST
32: 9P ON-ON	3PDT
33: 9P ON-OFF-ON	3PDT
41: 8P ON-OFF	4PST
42: 12P ON-ON	4PDT
43: 12P ON-OFF-ON	4PDT

3. TERMINAL TYPES

- **A:** SOLDER
- **B:** SCREW
- **C:** #250 QUICK CONNECT

4. RATING TYPES

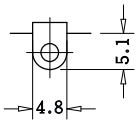
- **__:** 10A 250VAC
- **S:** 15A 250VAC

5. REST TYPES

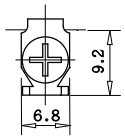
- **M1:(ON)-OFF**
- **M2:(ON)-OFF-(ON)**

Terminal Dimension

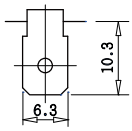
A:SOLDER TYPE



B: SCREW TYPE



C:#250 QUICK CONNECT TYPE



Design, specifications are subject to change without notice.

Operating Characteristics

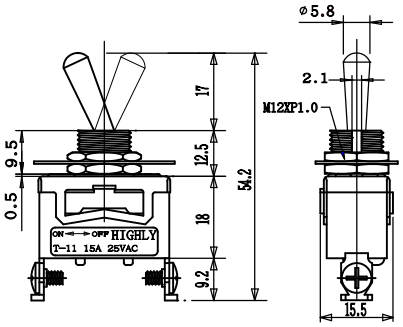
Unit: mm

Item | Operating Characteristics | Dimensions

T-11



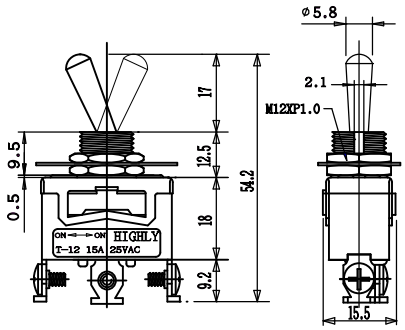
ITEM	FUNCTION	
T-11BS	ON-OFF	SPST 2P
TGP-11BS	ON-OFF	SPST 2P
TGS-11BS	ON-OFF	SPST 2P
TGB-11BS	ON-OFF	SPST 2P
T-11BS-M1	(ON)-OFF	SPST 2P
TGS-11BS-M1	(ON)-OFF	SPST 2P



T-12



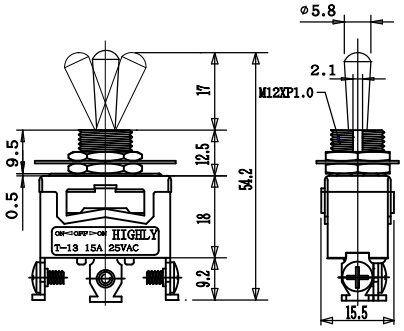
ITEM	FUNCTION	
T-12BS	ON-ON	SPDT 3P
TGP-12BS	ON-ON	SPDT 3P
TGS-12BS	ON-ON	SPDT 3P
TGB-12BS	ON-ON	SPDT 3P
T-12BS-M1	ON-(ON)	SPDT 3P
TGS-12BS-M1	ON-(ON)	SPDT 3P



T-13



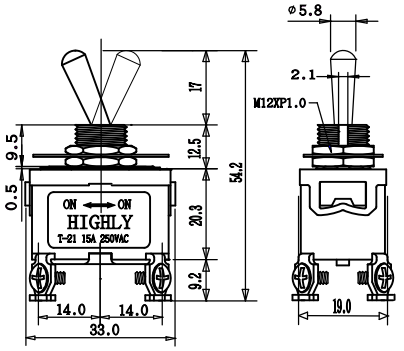
ITEM	FUNCTION	
T-13BS	ON-OFF-ON	SPDT 3P
TGP-13BS	ON-OFF-ON	SPDT 3P
TGS-13BS	ON-OFF-ON	SPDT 3P
T-13BS-M1	ON-OFF-(ON)	SPDT 3P
TGS-13BS-M1	ON-OFF-(ON)	SPDT 3P
T-13BS-M2	(ON)-OFF-(ON)	SPDT 3P
TGS-13BS-M2	(ON)-OFF-(ON)	SPDT 3P



T-21



ITEM	FUNCTION	
T-21BS	ON-OFF	DPST 4P
TGP-21BS	ON-OFF	DPST 4P
TGS-21BS	ON-OFF	DPST 4P
TGB-21BS	ON-OFF	DPST 4P
T-21BS-M1	(ON)-OFF	DPST 4P
TGS-21BS-M1	(ON)-OFF	DPST 4P



Design, specifications are subject to change without notice.

Operating Characteristics

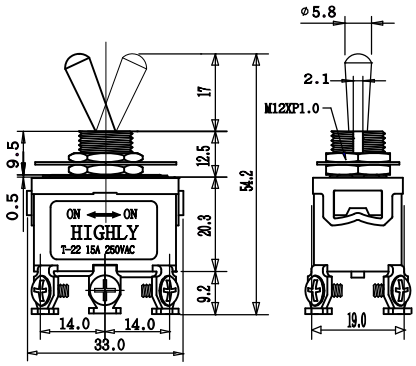
Unit: mm

Item | Operating Characteristics | Dimensions

T-22



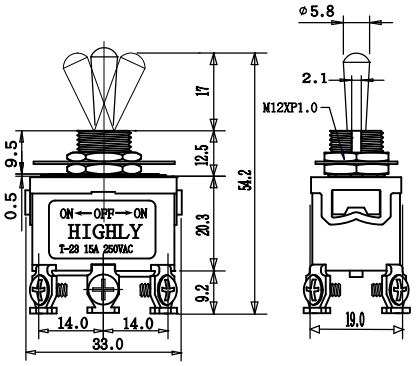
ITEM	FUNCTION	
T-22BS	ON-ON	DPDT 6P
TGP-22BS	ON-ON	DPDT 6P
TGS-22BS	ON-ON	DPDT 6P
TGB-22BS	ON-ON	DPDT 6P
T-22BS-M1	ON-(ON)	DPDT 6P
TGS-22BS-M1	ON-(ON)	DPDT 6P



T23



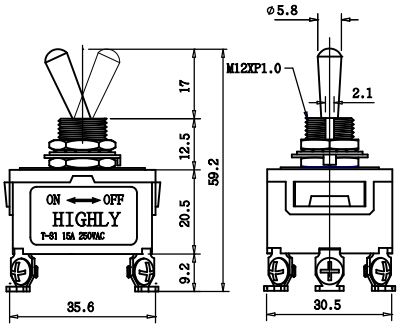
ITEM	FUNCTION	
T-23BS	ON-OFF-ON	DPDT 6P
TGP-23BS	ON-OFF-ON	DPDT 6P
TGS-23BS	ON-OFF-ON	DPDT 6P
T-23BS-M1	ON-OFF-(ON)	DPDT 6P
TGS-23BS-M1	ON-OFF-(ON)	DPDT 6P
T-23BS-M2	(ON)-OFF-(ON)	DPDT 6P
TGS-23BS-M2	(ON)-OFF-(ON)	DPDT 6P



T-31



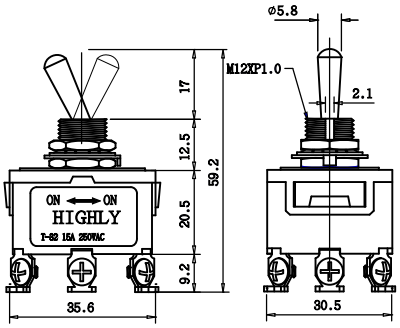
ITEM	FUNCTION	
T-31BS	ON-OFF	3PST 6P
TGP-31BS	ON-OFF	3PST 6P
TGS-31BS	ON-OFF	3PST 6P
T-31BS-M1	(ON)-OFF	3PST 6P
TGS-31BS-M1	(ON)-OFF	3PST 6P



T-32



ITEM	FUNCTION	
T-32BS	ON-ON	3PDT 9P
TGP-32BS	ON-ON	3PDT 9P
TGS-32BS	ON-ON	3PDT 9P
T-32BS-M1	ON-(ON)	3PDT 9P
TGS-32BS-M1	ON-(ON)	3PDT 9P



Design, specifications are subject to change without notice.

Operating Characteristics

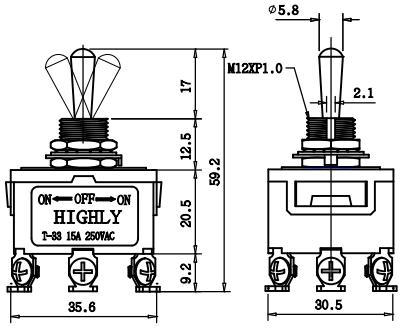
Unit: mm

Item | Operating Characteristics | Dimensions

T-33



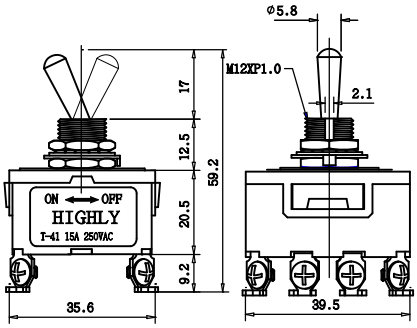
ITEM	FUNCTION	
T-33BS	ON-OFF-ON	3PDT 9P
TGP-33BS	ON-OFF-ON	3PDT 9P
TGS-33BS	ON-OFF-ON	3PDT 9P
TGB-33BS	ON-OFF-ON	3PDT 9P
T-33BS-M1	ON-OFF-(ON)	3PDT 9P
TGS-33BS-M1	ON-OFF-(ON)	3PDT 9P
T-33BS-M2	(ON)-OFF-(ON)	3PDT 9P
TGS-33BS-M2	(ON)-OFF-(ON)	3PDT 9P



T-41



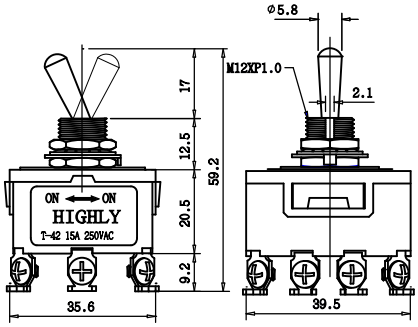
ITEM	FUNCTION	
T-41BS	ON-OFF	4PST 8P
TGP-41BS	ON-OFF	4PST 8P
TGS-41BS	ON-OFF	4PST 8P
T-41BS-M1	(ON)-OFF	4PST 8P
TGS-41BS-M1	(ON)-OFF	4PST 8P



T-42



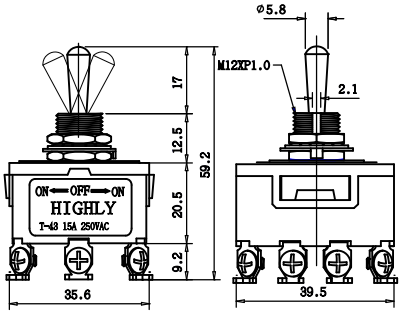
ITEM	FUNCTION	
T-42BS	ON-ON 4PDT	12P
TGP-42BS	ON-ON 4PDT	12P
TGS-42BS	ON-ON 4PDT	12P
T-42BS-M1	ON-(ON) 4PDT	12P
TGS-42BS-M1	ON-(ON) 4PDT	12P



T-43



ITEM	FUNCTION	
T-43BS	ON-OFF-ON	4PDT 12P
TGP-43BS	ON-OFF-ON	4PDT 12P
TGS-43BS	ON-OFF-ON	4PDT 12P
TGB-43BS	ON-OFF-ON	4PDT 12P
TGP-43BS-M1	ON-OFF-(ON)	4PDT 12P
TGS-43BS-M1	ON-OFF-(ON)	4PDT 12P
T-43BS-M2	(ON)-OFF-(ON)	4PDT 12P
TGS-43BS-M2	(ON)-OFF-(ON)	4PDT 12P



Design, specifications are subject to change without notice.

Accessories

Water-Proof Cover

TR- □ □

1 2

1. TYPES

1	11
	
2	**21**
	

2.COLOR TYPE

R	RED
G	GREEN
Y	YELLOW
BL	BLUE
BK	BLACK
W	WHITE

Easy Read Colorful Cover

TR-3□

1

1.COLOR

R	RED
G	GREEN
Y	YELLOW
BL	BLUE
BK	BLACK



Trigger Protection Cover

TR-4



Design, specifications are subject to change without notice.