

Toggle Switches



Toggle Switches



Environmentally Sealed 114



Heavy Duty 116



Standard Duty 120



PVC Coated 122



Accessories 123

Toggle



- Sealed to NEMA 3, 3R, 4, 13 and IP68.
- Single & double pole circuitry.
- 2 and 3 position maintained, and momentary toggle action.
- UL recognised. CSA certified.
- Up to 250V AC operation.
- High impact strength thermoplastic case.
- Flexible elastomer seal between frame and lever.
- For accessories including switch guards and boots see page 123.

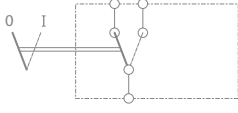
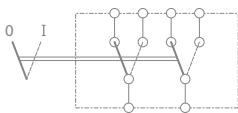
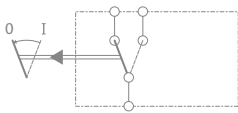
Voltage :	12-24V
Current Rating @ 28V (Resistive Load) :	20A
	Momentary 15A
Contacts :	Silver Alloy
Terminals :	Screw #6-32
Ingress Protection :	IP68
Operating Temperature :	-40°C to 71°C
Approvals :	CE, UL, CSA
	Seal
	NEMA 3, 3R, 4, 13



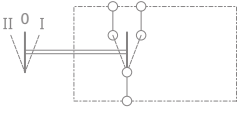
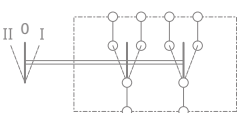
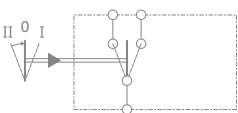
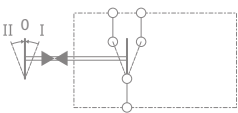
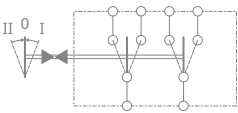
Normally Open Contact

Action	Wiring Diagram	Notes	Voltage	Terminal	Part No.
OFF ON		Single Pole	12-24	Screw	MTS403
OFF ON		Double Pole	12-24	Screw	MTS404
OFF Mom.ON		Single Pole	12-24	Screw	MTS508

Change-over Contact

Action	Wiring Diagram	Notes	Voltage	Terminal	Part No.
ON ON		Single Pole	12-24	Screw	MTS401
ON ON		Double Pole	12-24	Screw	MTS402
ON Mom.ON		Single Pole	12-24	Screw	MTS501

Change-over Contact II – O – I

Action	Wiring Diagram	Notes	Voltage	Terminal	Part No.
ON OFF ON		Single Pole	12-24	Screw	MTS101
ON OFF ON		Double Pole	12-24	Screw	MTS102
ON OFF Mom.ON		Single Pole	12-24	Screw	MTS111
Mom.ON OFF Mom.ON		Single Pole	12-24	Screw	MTS301
Mom.ON OFF Mom.ON		Double Pole	12-24	Screw	MTS302

Toggle

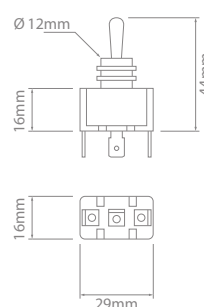


- Single, Double & Triple Pole models available.
- Multi-voltage.
- Blade & screw terminals.
- Shaft sealed by 'O' ring.
- Wide variety of switching configurations.
- Slow-make, slow-break contact mechanism.
- For accessories including switch guards and boots see page 123.

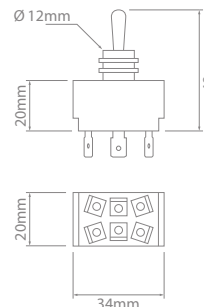
Voltage : 12-24V
Current Rating : 20A @ 4-14V, 15A @ 15-28V
Contacts : Silver Alloy
Terminal : Blade 6.3mm
Screw #6-32
Body : Phenolic
Actuator & Bushing : Nickel-plated Brass
Approvals : UL, CSA



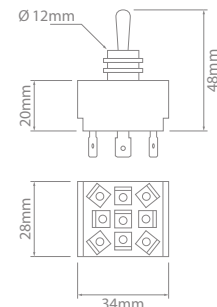
TS101A



Single Pole



Double Pole



Triple Pole



TS402A



ST325EF

With TS002
half boot



With ST0579
switch guard



Normally Closed Contact

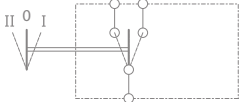
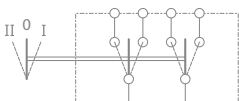
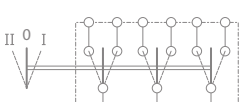
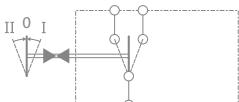
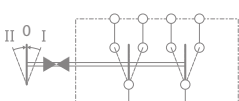
Action	Wiring Diagram	Notes	Voltage	Terminal	Part No.
ON Mom.OFF		Double Pole	12-24	Blade	TS509E

Normally Open Contact

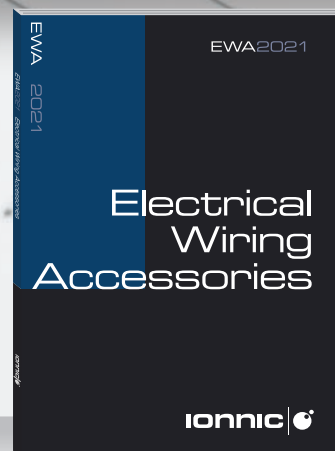
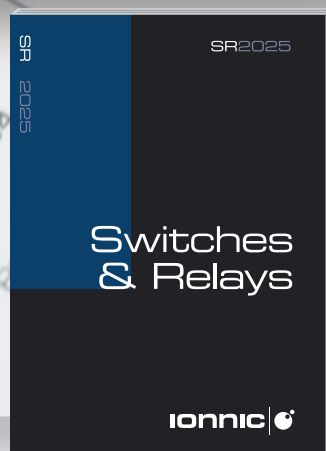
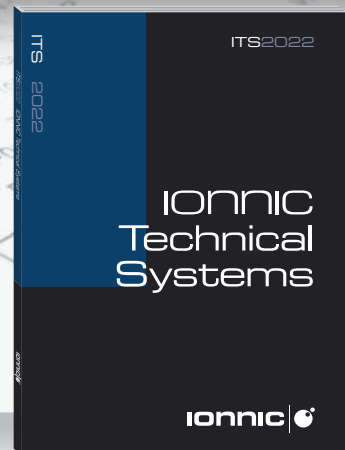
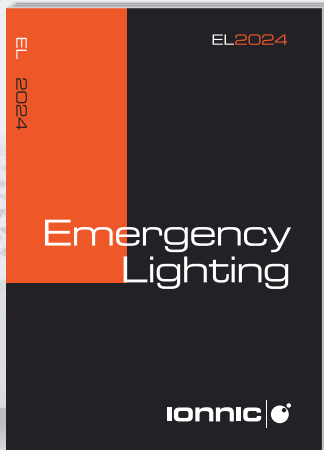
Action	Wiring Diagram	Notes	Voltage	Terminal	Part No.
OFF ON		Single Pole	12-24	Screw	TS403A
				Blade	TS403E
OFF ON		Double Pole	12-24	Screw	TS404A
				Blade	TS404E
OFF Mom.ON		Single Pole	12-24	Screw	TS508A
OFF Mom.ON		Double Pole	12-24	Solder	TS510S

Change-over Contact

Action	Wiring Diagram	Notes	Voltage	Terminal	Part No.
ON ON		Single Pole	12-24	Screw	TS401A
				Blade	TS401E
ON ON		Double Pole	12-24	Screw	TS402A
				Blade	TS402E
ON Mom.ON		Single Pole	12-24	Blade	TS501E
ON Mom.ON		Double Pole	12-24	Blade	TS502E

Change-over Contact II – O – I						
Action	Wiring Diagram	Notes	Voltage	Terminal	Part No.	
ON OFF ON		Single Pole	12–24	Screw	TS101A	
				Blade	TS101E	
ON OFF ON		Double Pole	12–24	Screw	TS102A	
				Blade	TS102E	
ON OFF ON		Triple Pole	12–24	Blade	ST325EF	
Mom.ON OFF Mom.ON		Single Pole	12–24	Screw	TS301A	
				Blade	TS301E	
Mom.ON OFF Mom.ON		Double Pole	12–24	Screw	TS302A	
				Blade	TS302E	

Catalogues



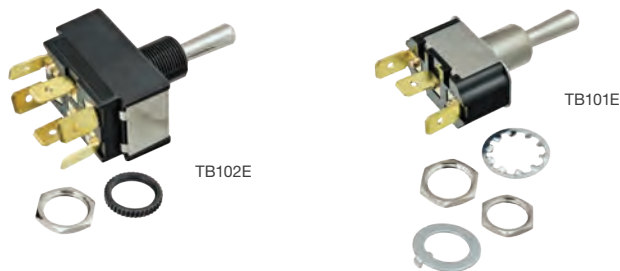
Visit ionnic.com or contact your nearest reseller for a copy

Toggle



- Single & Double Pole models available.
- Multi-voltage.
- Shaft sealed by 'O' ring.
- Wide variety of switching options.
- For accessories including switch guards and boots see page 123.

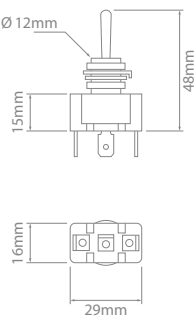
Voltage : 12-24V
Current Rating : 20A @ 4-14V, 15A @ 15-28V
Contacts : Silver Alloy
Body : PBT +15% Glass Fibre
Actuator & Bushing : Nickel-plated Brass



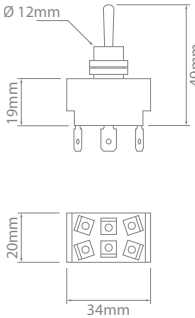
With P23U name plate



With TB001-BLK toggle boot



Single Pole



Double Pole

Change-over Contact

Action	Wiring Diagram	Notes	Voltage	Terminal	Part No.
ON ON		Single Pole	12-24	Blade	TB401E
ON ON		Double Pole	12-24	Blade	TB402E

Normally Open Contact

Action	Wiring Diagram	Notes	Voltage	Terminal	Part No.
OFF ON		Single Pole	12-24	Blade	TB403E
OFF ON		Double Pole	12-24	Blade	TB404E
OFF Mom.ON		Single Pole	12-24	Blade	TB508E

Change-over Contact II - O - I

Action	Wiring Diagram	Notes	Voltage	Terminal	Part No.
ON OFF ON		Single Pole	12-24	Blade	TB101E
ON OFF ON		Double Pole	12-24	Blade	TB102E
Mom.ON OFF Mom.ON		Single Pole	12-24	Blade	TB301E
Mom.ON OFF Mom.ON		Double Pole	12-24	Blade	TB302E



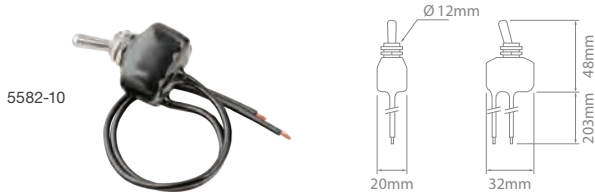
12V
24V



55021-07

- Single & Double Pole models.
- Multi-voltage.
- Shaft sealed by 'O' ring.
- PVC coating for enhanced sealing and protection from the elements.

Voltage : 12–24V
Current Rating : 25A @ 12V, 15A @ 24V
Contacts : Silver Alloy
Body : Phenolic
Actuator & Bushing : Nickel-plated Brass



5582-10



55021-07

PVC Coated

Action	Wiring Diagram	Notes	Voltage	Terminal	Part No.
OFF ON		Single Pole	12–24	Lead 200mm	5582-10
Mom.ON OFF Mom.ON		Single Pole	12–24	Lead 200mm	55021-07

Toggle – Accessories

Toggle – Accessories

	Description	Part No.
	Switch Guard – Red – Cutler-Hammer For use with two position switches only	 8497K1
	Switch Guard – Carbon Fibre	ST0574
	Switch Guard – Blue	ST0575
	Switch Guard – Green	ST0576
	Switch Guard – Black	ST0577
	Switch Guard – Red	ST0578
	Switch Guard – Yellow	ST0579
For use with two position switches only		
	Name Plate – OFF/ON	P23
	Name Plate – ON/OFF	P23U
	Full Toggle Boot – Black Silicone	TS001
	Full Toggle Boot – Blue Silicone	 TS001-BLU
	Full Toggle Boot – Red Silicone	 TS001-RED
	Full Toggle Boot – Yellow Silicone	TS001-YEL
	Half Toggle Boot – Black Silicone	 TS002
	Full Toggle Boot – Black Silicone	TB001-BLK
	6 Contact Terminal Block Suits Blade Terminal, Double Pole Heavy Duty & Standard Duty Toggle Switches	TSH
	AMP™ Terminal to suit	605001BL2/100

