

Pushbutton Control Stations



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Product Description

M22 Assembled Control Stations

- M22 series operators
- Available in horizontal and vertical configurations
- Impact resistant polycarbonate enclosures
- Optional yellow covers
- Base mounting contact blocks and light units for quick wiring and vibration resistance

Commercial Control Stations

- 10250T series operators
- Full front label
- Specific function labels on front of enclosure

General Purpose Control Stations

- Construction grade
- General purpose wall mount
- Popular with contractors
- UL (NEMA) Type 1

Special Purpose Control Stations

- Standard grade
- Polyester enclosure
- UL (NEMA) Type 3, 3R, 4, 4X, 13

10250H Series Heavy-Duty Control Stations

- 10250H Series operators
- Dark brown polyester enclosure
- Protective rubber gaskets provide NEMA 3S rating on pushbuttons
- Top and bottom 3/4 in NPT conduit entrances
- Includes alternate legend plates and spare mounting screws

10250T Series Heavy-Duty 30.5 mm Control Stations

- 10250T Series operators
- ASA 61 gray die-cast zinc enclosures
- Surface or flush mounting
- Single 3/4 in NPT conduit entrance on one and two element stations
- Single 1 in NPT conduit entrance on three element stations

Class I Division 2 10250T Series Heavy-Duty 30.5 mm Control Stations

- 10250T Series operators
- Factory sealed contact blocks
- Die-cast, polyester or stainless steel enclosures
- Approved for NEC Class I Division 2, Groups B, C and D or Class I Zone 2 Group IIB plus Hydrogen type hazardous locations

Class I Division 2 E34 Series Corrosion Resistant 30.5 mm Control Stations

- E34 Series operators
- Factory sealed contact blocks
- Die-cast, polyester or stainless steel enclosures
- Approved for NEC Class I Division 2 Groups B, C and D or Class I Zone 2 Group IIB plus Hydrogen type hazardous locations

Features

M22 Assembled Control Stations

- IP66, UL (NEMA) Type 4X, 13
- Impact resistant polycarbonate enclosures
- Optional yellow cover
- 25% smaller depth than most competitor enclosures
- Base mounting contact blocks and light units for faster wiring and vibration resistance

Commercial Control Stations

- ASA 61 gray die-cast zinc enclosures
- Pre-assembled and labeled for functions such as “Fuel Shut-Off”
- Great for commercial applications

General Purpose Control Stations

- Construction grade
- General purpose wall mount
- Popular with contractors
- UL (NEMA) Type 1

Special Purpose Control Stations

- Standard grade
- Polyester enclosure
- UL (NEMA) Type 3, 3R, 4, 4X, 13

10250H Series Heavy-Duty Control Stations

- Industrial grade
- Extra heavy-duty
- Polyester enclosure
- Booted buttons
- Outdoor installation
- UL (NEMA) Type 3, 3R, 3S, 4, 4X, 12, 13

10250T Series Heavy-Duty 30.5 mm Control Stations

- 30.5 mm operators
- Industrial grade
- Zinc die cast enclosure
- Popular with industrial end users
- UL (NEMA) Type 4, 4X, 12, 13

Class I Division 2 Control Stations

- Available with 10250T or E34 30.5 mm operators
- Zinc die cast, polyester or stainless steel enclosures
- Factory-sealed contact blocks
- Popular with industrial end users
- UL (NEMA) Type 4, 4X, 12, 13
- NEC Class I Division 2 Groups B, C and D

Product Selection

M22 Assembled Control Stations



One Element Control Stations

Orientation	Description	Color	①	Inscription	Enclosure Cover Color	Catalog Number
Horizontal	40 mm mushroom head push-pull emergency stop operator	Red	NC	—	Yellow	M22-C1-M1H
Horizontal	40 mm illuminated mushroom head push-pull emergency stop operator, 85–264 Vac	Red	NO-NC	—	Yellow	M22-C1-M2H
Horizontal	40 mm mushroom head twist-to-release emergency stop operator	Red	NC	—	Yellow	M22-C1-M3H
Horizontal	40 mm mushroom head key-release emergency stop operator	Red	NC	—	Yellow	M22-C1-M4H
Horizontal	Flush pushbutton	Green	NO	ⓘ	Gray	M22-C1-M5H
Horizontal	Flush pushbutton	Green	NO	START	Gray	M22-C1-M6H
Horizontal	Extended pushbutton	Red	NC	Ⓢ	Gray	M22-C1-M7H
Horizontal	Extended pushbutton	Red	NC	STOP	Gray	M22-C1-M8H
Horizontal	Key-operated selector switch, two-position maintained	—	NO	OFF-ON	Gray	M22-C1-M9H
Horizontal	Knob type selector switch, three-position maintained	—	2NO	HAND Ⓞ AUTO	Gray	M22-C1-M10H
Horizontal	Double pushbutton	Green	NO	START	Gray	M22-C1-M11H
		Red	NC	STOP		

Two Element Control Stations

Orientation	Element 1 Description	Color	①	Inscription	Element 2 Description	Color	①	Inscription	Enclosure Cover Color	Catalog Number
Horizontal	Extended pushbutton	Red	NC	Ⓢ	Flush pushbutton	Green	NO	ⓘ	Gray	M22-C2-M1H
Vertical	Flush pushbutton	Green	NO	START	Extended pushbutton	Red	NC	STOP	Gray	M22-C2-M2V
Vertical	Flush pushbutton	Black	NO	FORWARD	Flush pushbutton	Black	NO	REVERSE	Gray	M22-C2-M3V

Three Element Control Stations

Orientation	Element 1 Description	Color	①	Inscription	Element 2 Description	Color	①	Inscription	Element 3 Description	Color	①	Inscription	Enclosure Cover Color	Catalog Number
Horizontal	Extended pushbutton	Red	NC	Ⓢ	Indicating light	White	85–264 Vac	—	Flush pushbutton	Green	NO	ⓘ	Gray	M22-C3-M1H
Vertical	Indicating light	White	85–264 Vac	—	Flush pushbutton	Green	NO	START	Extended pushbutton	Red	NC	STOP	Gray	M22-C3-M2V
Horizontal	Flush pushbutton	Green	NO	ⓘ	Extended pushbutton	Red	NC	Ⓢ	Flush pushbutton	Green	NO	Ⓢ	Gray	M22-C3-M3H
Vertical	Flush pushbutton	Black	NO	OPEN	Extended pushbutton	Red	NC	STOP	Flush pushbutton	Black	NO	CLOSE	Gray	M22-C3-M4V
Vertical	Flush pushbutton	Black	NO	FORWARD	Flush pushbutton	Red	NC	STOP	Flush pushbutton	Black	NO	REVERSE	Gray	M22-C3-M5V
Vertical	Flush pushbutton	Black	NO	UP	Flush pushbutton	Red	NC	STOP	Flush pushbutton	Black	NO	DOWN	Gray	M22-C3-M6V

Notes

For assembled control stations not found in this selection, please contact the Eaton Technical Resource Center at 1-877-ETN CARE (386-2273) or TRC@eaton.com.

① Contact block configuration.

Commercial Control Stations



Key Specifications

- 30.5 mm (10250T series) operators
- ASA 61 gray die-cast zinc enclosures
- Industrial grade
- UL® Type 4, 4X, 12, 13
- Single 3/4 in NPT conduit entrance
- Dimensions—in (mm)
 - Enclosure: 3.88 W x 4.00 H x 3.00 D (98.6 x 101.6 x 76.3)
 - Operator: 1.63 D (to enclosure) x 1.50 diameter (41.4 x 38.1)

What is included?

Eaton’s pre-assembled, enclosed emergency stop pushbutton stations include an operator, an enclosure, contact blocks and a variety of unique labels. Each label has white lettering on a red background indicating the function and red lettering on a white background indicating the operator type.

Available Catalog Numbers

Catalog Number ①	Operator	Enclosure Color	Label
10250T5B62-S101	Push-Pull	Gray	EMERGENCY STOP
10250T5B62-S102	Push-Pull	Gray	EMERGENCY SHUT-OFF
10250T5B62-S103	Push-Pull	Gray	EMERGENCY GENERATOR STOP
10250T5B62-S104	Push-Pull	Gray	EMERGENCY HVAC SHUT-DOWN
10250T5B62-S105	Push-Pull	Gray	EMERGENCY ELECTRICAL DISCONNECT
10250T5B62-S106	Push-Pull	Gray	EMERGENCY BOILER SHUT-DOWN
10250T5B62-S107	Push-Pull	Gray	EMERGENCY CHILLER STOP
10250T5B62-S108	Push-Pull	Gray	EMERGENCY FUEL SHUT-OFF
10250T5B62-S109	Push-Pull	Gray	EMERGENCY REFRIGERATION STOP
10250T5B62-S110	Push-Pull	Gray	EMERGENCY POWER OFF
10250T5B62-S111	Push-Pull	Gray	EMERGENCY GAS SHUT-OFF
10250T5B62-S112	Push-Pull	Gray	EMERGENCY VENTILATION SHUT-DOWN
10250T5B62-S113	Push-Pull	Gray	GENERATOR

Additional Contact Blocks

(Sold Separately)














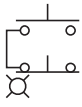
Catalog Number	Circuit Configuration
10250T51	1NC
10250T53	1NO
10250T1	NO-NC
10250T3	2NC
10250T2	2NO

Note

① Includes 1NO-1NC contact block.

General Purpose Control Stations




Type N Control Stations—UL (NEMA) Type 1

	Contact Symbol	Button Type/Color	Legends	Catalog Number
Single Button Station for Padlock Attachment ^① 	One Element Enclosure Type			
		Flush/green	START	10250H5100
		Flush/red	STOP	10250H5101
		Extended/red	STOP	10250H5104
		Palm operated/black	None	10250H89 ^②
Selector Switch 		Three-position selector switch/black knob	RUN/OFF/AUTO	10250H289 ^②
Two Button Station 	Two Element Enclosure Type			
		Flush/red	START/STOP	10250H5200
		Flush/green extended/red	START/STOP	10250H5207
		Flush/black (all)	RAISE/LOWER	10250H5201
			FOR/REV	10250H5202
			OPEN/CLOSE	10250H5203
			UP/DOWN	10250H5204
		HIGH/LOW	10250H5205	
		FAST/SLOW	10250H5208	
Three Button Station 	Three Element Enclosure Type			
		Flush/black (all)	FOR/REV/STOP	10250H5300
			UP/DOWN/STOP	10250H5301
		Flush/black (all)	RAISE/LOWER/STOP	10250H5302
			OPEN/CLOSE/STOP	10250H5303
FAST/SLOW/STOP			10250H5304	
Three Button Station with Indicating Light 		110/220V neon indicating light	START/STOP	
		Clear—flush/green; flush/red		10250H5310
		Red—flush/green; flush/red		10250ED853
		Amber—flush/green; flush/red		10250ED853-2

Notes






- ① Padlock attachment (10250H5110) must be purchased separately.
- ② Round button.

Type N Control Stations—Open Type Construction (No Cover)

Contact Symbol	Button Type/Color	Legends	Catalog Number
Selector Switch			
One Element Enclosure Type			
	Three-position selector switch/black knob	RUN/OFF/AUTO	10250H2538
Two Button Station			
Two Element Enclosure Type			
	Flush/green	START/STOP	10250H2747
Mechanically Interlocked Pushbuttons			
	Flush/black (all) mech. interlocked	None ①	10250H2544

Special Purpose Control Stations

Special Purpose Control Stations—UL (NEMA) Type 3, 3R, 4, 4X, 13




Contact Symbol	Feature	Legends	Catalog Number
10250H_			
One Element Pushbutton Type			
	Flush	START	10250H2738
		STOP	10250H658
	With lock hasp	STOP	10250H665
10250H_			
Two Element Pushbutton Type			
	Flush	START/STOP	10250H364
	With lock hasp	START/STOP	10250H671
	Buttons interlocked	FAST/SLOW	10250ED664
		FOR/REV	10250H2740
		UP/DOWN	10250H2741
		OPEN/CLOSE	10250H2742

Note

① No legend on buttons. Specify any standard legend.





10250H Series Heavy-Duty Control Stations

Type H Control Stations—UL (NEMA) Type 3, 3S, 4, 4X, 12, 13

Element Type	Feature	Circuit	Assembled Legend Plate	Unassembled Alternate Legend Plate	Catalog Number	
10250H_ One Element						
	Pushbuttons	Without padlock hasp	1NO-1NC	JOG	START STOP RUN	10250H1881
		With padlock hasp	1NC	STOP	—	10250H4239
Knob selector switch	Two-position	1NO-1NC	OFF/ON	—	10250H4526	
	Three-position	1NO-1NC	MAN/OFF/AUTO	—	10250H4527	
10250H_ Two Element						
	Pushbuttons	Standard	1NO-2NC	START/STOP	—	10250H1884
			2NO-2NC	RAISE/LOWER	FORWARD REVERSE OPEN CLOSE	10250H1885
		Standard and standard with padlock hasp	1NO-2NC	START/STOP	—	10250H4240
10250H_ Three Element						
	Pushbuttons	Standard	2NO-3NC	FOR/REV/STOP	START OPEN	10250H1890
		Two standard and standard with padlock hasp			JOG CLOSE RAISE FAST LOWER SLOW	10250H4241
Indicating light and pushbuttons	120V	Light-red lens and two plain	1NO-2NC	MOTOR RUNNING START/STOP	—	10250H1913

10250T Series Heavy-Duty 30.5 mm Control Stations

Complete Assembled Stations—UL (NEMA) Type 4, 4X, 12, 13

	Element Type ^①	Features	Contact Block(s)	Legend	Surface Mounting Catalog Number	Flush Mounting ^② Catalog Number
Break Glass Station 	Break Glass Station					
	Break glass station ^③	Gray enclosure Red enclosure	NC (logic level)	EMERG. OFF	10250TGS 10250TGR	— —
One Element 	One Element					
	Pushbutton	Standard	NO-NC	START	10250T3516	10250T3573
			NC	STOP	10250T3518	10250T3575
			NO-NC	None	10250T3540	10250T3597
		Mushroom head	NO-NC	START	10250T3517	10250T3574
			NC	STOP	10250T3519	10250T3576
			With lock hasp ^④	NC	STOP	10250T3520
	Selector switch	Two-position black knob	NO-NC	OFF/ON	10250T3523	10250T3580
		Three-position black knob	2NO	MAN/OFF/AUTO	10250T3524	10250T3581
	Push-pull three-position	Momentary red button	2NC	START/STOP	10250T3545	10250T3602
Two Element 	Two Element					
	Pushbuttons	Standard	1NO-2NC	START/STOP	10250T3525	10250T3582
			2NO-2NC	RAISE/LOWER	10250T3672	10250T3673
			2NO-2NC	None	10250T3541	10250T3598
	With lock hasp ^④	1NO-2NC	START/STOP	10250T3542	10250T3599	
		Standard and mushroom head	1NO-2NC	START/STOP	10250T3526	10250T3583
		Standard with maintained contact ^⑤	NO-NC	START/STOP	10250T3528	10250T3585
		Plus NC				
Three Element 	Three Element					
	Pushbuttons	Standard	2NO-3NC	FOR, REV, STOP	10250T3532	10250T3589
			2NO-3NC	UP, DOWN, STOP	10250T3615	—
			2NO-3NC	OPEN, CLOSE, STOP	10250T3614	—
			2NO-3NC	None, None, STOP	10250T3543	10250T3600
			Two standard and with lock hasp	2NO-3NC	None, None, STOP	10250T3544
	Indicating light (transformer type) and pushbuttons	Red lens — 120V Red lens — 240V Red lens — 480V Red lens — 600V	1NO-2NC	MOTOR RUN, START/STOP	10250T3536	10250T3593
					10250T3537	10250T3594
					10250T3538	10250T3595
					10250T3539	10250T3596

Break Glass Operator ^⑥



Break Glass Kit











Description	Catalog Number
Operator with hammer and five glass discs	10250TBG
Glass discs only (5)	10250TGL

Notes

- ① Stop buttons are red—all others are black.
- ② NEMA 4–13, if properly mounted on a flat surface. Consists of front plate, legend, operator and contact blocks.
- ③ Break glass stations will not function with Normally Open contact blocks.
- ④ Lock is 10250TA2.
- ⑤ Uses deep cover instead of shallow cover. Switch component is 10250TA67—mechanically interlocked operators.
- ⑥ Shown assembled to contact block (contact block supplied separately).

Class I Division 2 10250T Series Heavy-Duty 30.5 mm Control Stations

Complete Assembled Stations— UL (NEMA) Type 4, 4X, 12, 13; NEC Class I Division 2, Groups B, C and D










Contact Symbol	Button Type/Color	Legend Marking	Die Cast Enclosure Catalog Number	Polyester Molded Enclosure Catalog Number	Stainless Steel Enclosure Catalog Number
10250T7007					
Single Pushbutton					
	Flush/green	START	10250T7003	10250T7003P	10250T7003S
	Extended/red	STOP	10250T7005	10250T7005P	10250T7005S
	Alum. jumbo mushroom/red	EMER. STOP (engraved button)	10250T7007	10250T7007P	10250T7007S
	Flush/black	No legend	10250T7009	10250T7009P	10250T7009S
10250T7023P					
Two Pushbuttons					
	Flush/green	START	10250T7023	10250T7023P	10250T7023S
	Extended/red	STOP			
Each Button	Flush/black	No legend	10250T7025	10250T7025P	10250T7025S
	Flush/black	No legend			
10250T7033S					
Single Pilot Light—Two Pushbuttons					
	120 Vac red	No legend	10250T7033	10250T7033P	10250T7033S
	Flush/green	START			
	Extended/red	STOP			
Each Button	120 Vac red	No legend	10250T7035	10250T7035P	10250T7035S
	Flush/black				
	Flush/black				
Three-Position Selector Switch					
	Maintained knob/black	HAND/OFF/AUTO	10250T7011	10250T7011P	10250T7011S
	Maintained knob/black	No legend	10250T7013	10250T7013P	10250T7013S
Single Pushbutton Maintained					
	Push-pull with jumbo mushroom/red	EMER. STOP (engraved button)	10250T7019	10250T7019P	10250T7019S
Pull	O	X			
Push	X	O			

Class I Division 2 E34 Series Corrosion Resistant 30.5 mm Control Stations

E34EX_



Complete Assembled Stations— UL (NEMA) Type 4, 4X, 12, 13; NEC Class I Division 2, Groups B, C and D

Contact Symbol	Button Type/Color	Legend Marking	Die Cast Enclosure Catalog Number	Polyester Molded Enclosure Catalog Number	Stainless Steel Enclosure Catalog Number
Single Pushbutton					
 1NO	Flush/green	START	E34EX7003	E34EX7003P	E34EX7003S
 1NC	Extended/red	STOP	E34EX7005	E34EX7005P	E34EX7005S
	Alum. jumbo mushroom/red	EMER. STOP (engraved button)	E34EX7007	E34EX7007P	E34EX7007S
	Flush/black	No legend	E34EX7009	E34EX7009P	E34EX7009S
Two Pushbuttons					
 1NO	Flush/green	START	E34EX7023	E34EX7023P	E34EX7023S
 1NC	Extended/red	STOP			
Each Button	Flush/black	No legend	E34EX7025	E34EX7025P	E34EX7025S
	Flush/black	No legend			
Three-Position Selector Switch					
 2NO	Maintained knob/black	HAND/OFF/AUTO	E34EX7011	E34EX7011P	E34EX7011S
 2NC	Maintained knob/black	No legend	E34EX7013	E34EX7013P	E34EX7013S
Single Pushbutton Maintained					
 Pull Push	Push-pull with jumbo mushroom/red	EMER. STOP (engraved button)	E34EX7019	E34EX7019P	E34EX7019S
 1NO					
 1NC					

Accessories

Padlock Attachment



Type N Control Stations

Description	Catalog Number
Padlock attachment—For field assembly on square button type (except extended button types)	10250H5110

Note

Use NEMA 4X 10250T operators where exposed to ultraviolet light, see [Page V7-T1-22](#).