



Product Description

The 30.5 mm pushbutton line features a zinc die cast construction with chrome-plated housing and mounting nut. The same durable construction is also available with the corrosive resistant E34 line of pushbuttons. See E34 section on **Pages V7-T1-254 to V7-T1-288**.

Features

- Heavy-duty zinc die cast construction
- Enclosed silver contacts with reliability nibs
- Diaphragm seals with drainage holes
- Grounding nibs on the operator casing

Benefits

- Reliability nibs improve contact reliability even under dry circuit and fine dust conditions
- Drainage holes prevent buildup of liquid inside the operator which can prevent operation in freezing environments
- Grounding nibs bit through paint and other coatings to provide secure ground

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Drawings
Online

Application Description

Contact Operation

Slow make and break. All normally closed contacts have positive opening operation, i.e., normally closed contacts are forced open in the event of contact weld or spring breakage.

Standards and Certifications

- CE EN 60947-5-1 and 60947-5-5
- UL 508—File No. 131568
- CSA C22.2 No. 14—File No. LR68551



Ingress Protection

When mounted in similarly rated enclosure—

- Standard indicating lights
 - UL (NEMA) Type 1, 2, 3, 3R, 3S, 4, 4X, 12, 13
 - IEC IP65
- Most other operators
 - UL (NEMA) Type 1, 2, 3, 3R, 4, 4X, 12, 13
 - IEC IP65

UL (NEMA) Type 3, 3R, 4, 4X, 12, 13

Lens and Color Selection

	Color	Incandescent Suffix Code	LED Suffix Code	Catalog Number
Standard 	Standard—40 mm			
	Red	C47	RD	10250TC47
	Red (EMERG. STOP)	C53	ED	10250TC53
	Green	C48	GD	10250TC48
	Blue	C49	LD	10250TC49
	Amber	C50	AD	10250TC50
	White	C51	WD	10250TC51
	Clear	C52	CD	10250TC52
Side-Lighted Aluminum 	Side-Lighted Aluminum—40 mm ^①			
	Red	C57	RS	10250TC57
	Red (EMERG. STOP)	C63	ES	10250TC63
	Green	C58	GS	10250TC58
	Blue	C59	LS	10250TC59
	Amber	C64	AS	10250TC64
	Yellow	C60	YS	10250TC60
	White	C61	WS	10250TC61
Aluminum Transparent Center 	Aluminum Transparent Center—40 mm ^①			
	Red	C65	RH	10250TC65
	Green	C66	GH	10250TC66
	Amber	C67	AH	10250TC67
Jumbo Lens 	Jumbo Lens—50 mm			
	Red	—	—	10250TC77

Note^① Clear anodized aluminum and colored lens.

Alternate Lenses for Illuminated Push-Pull Devices

	Lens Color	Incandescent Suffix Code	LED Suffix Code ^①	Catalog Number
Standard 	Standard			
	Red	C47	RD	10250TC47
	Red (EMERG. STOP)	C53	ED	10250TC53
	Green	C48	GD	10250TC48
	Blue	C49	LD	10250TC49
	Amber	C50	AD	10250TC50
	White	C51	WD	10250TC51
	Clear	C52	CD	10250TC52
Side-Lighted Anodized Aluminum Ring 	Side-Lighted Anodized Aluminum Ring			
	Red	C57	RS	10250TC57
	Red (EMERG. STOP)	C63	ES	10250TC63
	Green	C58	GS	10250TC58
	Blue	C59	LS	10250TC59
	Amber	C64	AS	10250TC64
	Yellow	C60	YS	10250TC60
	White	C61	WS	10250TC61
Heavy-Duty Aluminum 	Heavy-Duty Aluminum with Transparent Center			
	Red	C65	RH	10250TC65
	Green	C66	GH	10250TC66
	Amber	C67	AH	10250TC67
	White	C68	—	10250TC68
Jumbo Lens 	Jumbo Lens—50 mm			
	Red	—	—	10250TC77

Buttons for Non-Illuminated Push-Pull Devices

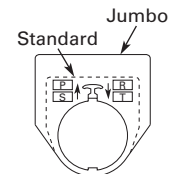
	Color	Suffix Code	Catalog Number
Standard 	Standard		
	Red	B62	10250TB62
	Red (EMERG. STOP)	B63	10250TB63
	Green	B61	10250TB61
	Black	B60	10250TB60
	Blue	B64	10250TB64
Jumbo Mushroom Head 	Jumbo Mushroom Head ^② (Anodized) Aluminum		
	Red	J62	10250TJ62
	Red (EMERG. STOP)	J63	10250TJ63
	Green	J61	10250TJ61
	Black	J60	10250TJ60
	Yellow	J64	10250TJ64

Notes

- ① Suffix codes should only be used for assembling composite catalog numbers. To order lens above, order by catalog number.
 ② Anodized aluminum head is not suitable for use in ultraviolet light applications.

Legend Plates

For a complete listing of available legend plates see **Pages V7-T1-230 to V7-T1-232**.



Illuminated Push-Pull Units

UL (NEMA) Type 3, 3R, 4, 4X, 12, 13, NEC Class I Division 2, Groups B, C and D

- Two-position maintained
- Illuminated

10250T8**E34EX8****Two-Position Illuminated Maintained Push, Maintained Pull****Operator Function (Position) ①****Maintained—****Pull****Maintained—****Push****Type****Voltage****Contact
Type****Mounting Location ①****1 2****Red Standard Push-Pull ②****10250T
Catalog Number****E34
Catalog Number****LED Lamp**

O

X

Full voltage

24 Vac/Vdc

1NO

1NC

**10250T853RD24****E34EX853RD24**

X

O

120 Vac

10250T853RD2A**E34EX853RD2A**

Transformer

24 Vac

10250T843RD06**E34EX843RD06**

120 Vac

10250T844RD06**E34EX844RD06****Incandescent Lamp**

O

X

Full voltage

24 Vac/Vdc

1NO

1NC

**10250T849RD****E34EX849RD**

X

O

120 Vac/Vdc

10250T851RD**E34EX851RD**

Transformer

24 Vac

10250T843RD**E34EX843RD**

120 Vac

10250T844RD**E34EX844RD****Lens and Color Selection**

Color	10250T	Catalog Number	E34	Catalog Number
	Suffix Code		Suffix Code	

Standard

Red	RD	10250TC47	RD	E34M2
Red (EMERG. STOP)	ED	10250TC53	ED	E34M2N8
Green	GD	10250TC48	GD	E34M3
Blue	LD	10250TC49	LD	E34M6
Amber	AD	10250TC50	AD	E34M9
White	WD	10250TC51	WD	E34M5
Clear	CD	10250TC52	CD	E34M0

Side-Lighted (Anodized) Aluminum

Red	RS	10250TC57	—	—
Red (EMERG. STOP)	ES	10250TC63	—	—
Green	GS	10250TC58	—	—
Blue	LS	10250TC59	—	—
Amber	AS	10250TC64	—	—
Yellow	YS	10250TC60	—	—
White	WS	10250TC61	—	—
Clear	CS	10250TC62	—	—

Heavy-Duty Aluminum with Transparent Center

Red	RH	10250TC65	—	—
Green	GH	10250TC66	—	—
Amber	AH	10250TC67	—	—

Notes

① Bolded circuit corresponds to "X-O" circuit selection. X = closed circuit, O = open circuit.

② To order different type or color lens, simply substitute the underlined characters with appropriate suffix code from the Lens and Color Selection table above. Example: 10250T851GS.**Standard****Side-Lighted
(Anodized) Aluminum****HD Aluminum with
Transparent Center**

Alternate Lenses for Illuminated Push-Pull Devices

	Color	10250T Catalog Number	E34 Catalog Number
Standard 	Standard		
	Red	10250TC47	E34M2
	Red (EMERG. STOP)	10250TC53	E34M2N8
	Green	10250TC48	E34M3
	Blue	10250TC49	E34M6
	Amber	10250TC50	E34M9
	White	10250TC51	E34M5
	Clear	10250TC52	E34M0
Side-Lighted (Anodized) Aluminum 	Side-Lighted Anodized Aluminum Ring		
	Red	10250TC57	—
	Red (EMERG. STOP)	10250TC63	—
	Green	10250TC58	—
	Blue	10250TC59	—
	Amber	10250TC64	—
	Yellow	10250TC60	—
	White	10250TC61	—
HD Aluminum with Transparent Center 	Heavy-Duty Aluminum with Transparent Center		
	Red	10250TC65	—
	Green	10250TC66	—
	Amber	10250TC67	—

Buttons for Non-Illuminated Push-Pull Devices

	Color	10250T Catalog Number	E34 Catalog Number
Standard 	Standard		
	Red	10250TB62	E34C2
	Red (EMERG. STOP)	10250TB63	E34C2N8
	Green	10250TB61	E34C3
	Black	10250TB60	E34C1
	Blue	10250TB64	E34C6
Jumbo Mushroom Head 	Jumbo Mushroom Head (Anodized) Aluminum ^①		
	Red	10250TJ62	E34J2
	Red (EMERG. STOP)	10250TJ63	E34J2N8
	Green	10250TJ61	—
	Black	10250TJ60	—
	Yellow	10250TJ64	—

Notes

Use NEMA 4X 10250T operators where exposed to ultraviolet light.

① Anodized aluminum head is not suitable for use with ultraviolet light applications.