



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

Plastic**Glass****Indicating and Master Test Lenses**

Color	Plastic Catalog Number	Glass Catalog Number
Red	10250TC1N	10250TC7N
Green	10250TC2N	10250TC8N
Amber	10250TC19N	10250TC9N
Yellow	10250TC3N	—
Blue	10250TC4N	10250TC10N
Clear	10250TC5N	10250TC11N
White	10250TC6N	10250TC12N

10250TC2**Illuminated Pushbutton Lenses**

Color	Catalog Number
Red	10250TC21
Green	10250TC22
Yellow	10250TC23
Amber	10250TC43
Blue	10250TC24
Clear	10250TC25
White	10250TC26

Plastic**Glass****PresTest Lenses**

Color	Plastic Catalog Number	Glass Catalog Number
Red	10250TC21	10250TC13N
Green	10250TC22	10250TC14N
Amber	10250TC43	10250TC15N
Yellow	10250TC23	—
Blue	10250TC24	10250TC16N
Clear	10250TC25	10250TC17N
White	10250TC26	10250TC18N

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Illuminated Pushbutton Units

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

- Momentary contact
- Illuminated
- Plastic lenses

10250T8_**E34EX8_****Illuminated Pushbuttons**

Type	Voltage	Color	Contact	10250T LED/Lamp Number	Catalog Number ①	E34 LED/Lamp Number	Catalog Number ①
LED Lamp							
Full voltage	24 Vac/Vdc	Red	1NO-1NC	Bayonet base	10250T828RD24	Bayonet base	E34EX828RD24
		Green			10250T828GD24		E34EX828GD24
		Amber			10250T828AD24		E34EX828AD24
	120 Vac	Red	1NO-1NC	10250T828RD2A	E34EX828RD2A		
		Green		10250T828GD2A	E34EX828GD2A		
		Amber		10250T828AD2A	E34EX828AD2A		
	Transformer	120 Vac	Red	1NO-1NC	10250T802RD06	Bayonet base 6 Vac	E34EX802RD06
			Green		10250T802GD06		E34EX802GD06
			Amber		10250T802AD06		E34EX802AD06
Incandescent Lamp							
Full voltage	24 Vac/Vdc	Red	1NO-1NC	#757	10250T818RD	#757	E34EX818RD
		Green			10250T818GD		E34EX818GD
		Amber			10250T818AD		E34EX818AD
Resistor	120 Vac/Vdc	Red	1NO-1NC	120MB	10250T824RD	120MB	E34EX824RD
		Green			10250T824GD		E34EX824GD
		Amber			10250T824AD		E34EX824AD
Transformer	120 Vac	Red	1NO-1NC	#755	10250T802RD	#755 6 Vac	E34EX802RD
		Green			10250T802GD		E34EX802GD
		Amber			10250T802AD		E34EX802AD

10250TC_**E34V_****Lens Selection**

Color	Suffix Code	Catalog Number	Color	Suffix Code	Catalog Number
10250T			E34		
Red	R	10250TC21	Red	R	E34V2
Green	G	10250TC22	Green	G	E34V3
Yellow	Y	10250TC23	Yellow	Y	E34V4
Amber	A	10250TC43	Amber	A	E34V9
Blue	L	10250TC24	Blue	L	E34V6
Clear	C	10250TC25	Clear	C	E34V0
White	W	10250TC26	White	W	E34V5

Note

① To order different color lens, simply substitute the underlined character in the catalog number with appropriate suffix code from Lens Selection table above. Example: 10250T828YD24.

Guarded Illuminated Pushbutton Units

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

- Momentary contact
- Guarded illuminated
- Plastic lenses

10250T8_**E34EX8_****Guarded Illuminated Pushbuttons**

Type	Voltage	Color	Contact	10250T LED/Lamp Number	Catalog Number ①	E34 LED/Lamp Number	Catalog Number ①
LED Lamp							
Full voltage	24 Vac/Vdc	Red	1NO-1NC	Bayonet base	10250T828RG24	Bayonet base	E34EX828RG24
		Green			10250T828GG24		E34EX828GG24
		Amber			10250T828AG24		E34EX828AG24
	120 Vac	Red	1NO-1NC	10250T828RG2A	E34EX828RG2A		
		Green		10250T828GG2A	E34EX828GG2A		
		Amber		10250T828AG2A	E34EX828AG2A		
	Transformer	120 Vac	Red	1NO-1NC	10250T802RG06	E34EX802RG06	
			Green		10250T802GG06	E34EX802GG06	
			Amber		10250T802AG06	E34EX802AG06	
Incandescent Lamp							
Full voltage	24 Vac/Vdc	Red	1NO-1NC	#757	10250T818RG	#757	E34EX818RG
		Green			10250T818GG		E34EX818GG
		Amber			10250T818AG		E34EX818AG
Resistor	120 Vac/Vdc	Red	1NO-1NC	120MB	10250T824RG	120MB	E34EX824RG
		Green			10250T824GG		E34EX824GG
		Amber			10250T824AG		E34EX824AG
Transformer	120 Vac	Red	1NO-1NC	#755	10250T802RG	#755 6 Vac	E34EX802RG
		Green			10250T802GG		E34EX802GG
		Amber			10250T802AG		E34EX802AG

10250TC2_**E34V_****Lens Selection**

Color	Suffix Code	Catalog Number	Color	Suffix Code	Catalog Number
10250T			E34		
Red	R	10250TC21	Red	R	E34V2
Green	G	10250TC22	Green	G	E34V3
Yellow	Y	10250TC23	Yellow	Y	E34V4
Amber	A	10250TC43	Amber	A	E34V9
Blue	L	10250TC24	Blue	L	E34V6
Clear	C	10250TC25	Clear	C	E34V0
White	W	10250TC26	White	W	E34V5

Note

^① To order different color lens, simply substitute the underlined character in the catalog number with appropriate suffix code from Lens Selection table above. Example: 10250T828YD24.

Indicating Light Lenses

	Color	10250T Catalog Number	E34 Catalog Number
Plastic			
 10250TC_  E34H_	Red	10250TC1N	E34H2
	Green	10250TC2N	E34H3
	Amber	10250TC19N	E34H9
	Yellow	10250TC3N	E34H4
	Blue	10250TC4N	E34H6
	Clear	10250TC5N	E34H0
	White	10250TC6N	E34H5
Glass			
 10250TC_  E34G_	Red	10250TC7N	E34G2
	Green	10250TC8N	E34G3
	Amber	10250TC9N	E34G9
	Yellow	—	E34G4
	Blue	10250TC10N	E34G6
	Clear	10250TC11N	E34G0
	White	10250TC12N	E34G5

Illuminated Pushbutton Lenses

	Color	10250T Catalog Number	E34 Catalog Number
 10250TC_  E34V_	Red	10250TC21	E34V2
	Green	10250TC22	E34V3
	Yellow	10250TC23	E34V4
	Amber	10250TC43	E34V9
	Blue	10250TC24	E34V6
	Clear	10250TC25	E34V0
	White	10250TC26	E34V5