

30.5 mm Heavy-Duty Watertight/Oiltight—10250T



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-T1-284 to V7-T1-325**.

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

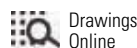
- Reliability nibs improve contact reliability even under dry circuit and fine dust conditions
- Drainage holes prevent buildup of liquid inside the operator which can prevent operation in freezing environments
- Grounding nibs bit through paint and other coatings to provide secure ground

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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

Indicating Light Units ①

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

- LED or incandescent
- Full voltage, resistor or transformer type
- Standard and PresTest types
- Plastic lenses

PresTest—This device incorporates a press-to-test feature whereby depressing the lens disconnects the light from the source being

monitored and connects the lamp to a continuously energized circuit for immediate detection of faulty lamps.

24V Full Voltage Illuminated Light**120 Vac Transformer PresTest****Indicating Light Units**

Type	Voltage	Color	LED/Lamp Number	Indicating Light Catalog Number	PresTest Catalog Number
LED Lamp					
Full voltage	24 Vac/Vdc	Red	Bayonet base	10250T197LRP24	10250T297LRP24
		Green		10250T197LGP24	10250T297LGP24
		Amber		10250T197LAP24	10250T297LAP24
		Yellow		10250T197LYP24	10250T297LYP24
		Blue		10250T197LLP24	10250T297LLP24
		White		10250T197LWP24	10250T297LWP24
		Red		10250T197LRP2A	10250T297LRP2A
		Green		10250T197LGP2A	10250T297LGP2A
		Amber		10250T197LAP2A	10250T297LAP2A
		Yellow		10250T197LYP2A	10250T297LYP2A
		Blue		10250T197LLP2A	10250T297LLP2A
		White		10250T197LWP2A	10250T297LWP2A
		Red		10250T181LRP06	10250T221LRP06
		Green		10250T181LGP06	10250T221LGP06
Transformer	120 Vac	Amber		10250T181LAP06	10250T221LAP06
		Yellow		10250T181LYP06	10250T221LYP06
		Blue		10250T181LLP06	10250T221LLP06
		White		10250T181LWP06	10250T221LWP06
		Red		10250T206NC1N	10250T235NC21
		Green		10250T206NC2N	10250T235NC22
		Amber		10250T206NC19N	10250T235NC43
		Yellow		10250T206NC3N	10250T235NC23
		Blue		10250T206NC4N	10250T235NC24
		Clear		10250T206NC5N	10250T235NC25
		White		10250T206NC6N	10250T235NC26
		Red		10250T201NC1N	10250T231NC21
		Green		10250T201NC2N	10250T231NC22
		Amber		10250T201NC19N	10250T231NC43
Resistor	120 Vac/Vdc	Yellow		10250T201NC3N	10250T231NC23
		Blue		10250T201NC4N	10250T231NC24
		Clear		10250T201NC5N	10250T231NC25
		White		10250T201NC6N	10250T231NC26
		Red		10250T34R	10250T74NR
		Green		10250T34G	10250T74NG
		Amber		10250T34A	10250T74NA
		Yellow		10250T34Y	10250T74NY
		Blue		10250T34B	10250T74NB
		Clear		10250T34C	10250T74NC
		White		10250T34W	10250T74NW
		Red		10250T34R	10250T74NR
		Green		10250T34G	10250T74NG
		Amber		10250T34A	10250T74NA
		Yellow		10250T34Y	10250T74NY
		Blue		10250T34B	10250T74NB
		Clear		10250T34C	10250T74NC
		White		10250T34W	10250T74NW

Notes

① Standard indicating lights are rated UL (NEMA) 3S as well.

② For flashing lamp add letter **F** to listed catalog number. Example: 10250T34RF.

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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Indicating Light Units

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

- Standard
- Plastic lenses

10250T_



E34_



Indicating Lights

Type	Voltage	Color	LED/Lamp Number	10250T Catalog Number ①	E34 Catalog Number ①
LED Lamp					
Full voltage	24 Vac/Vdc	Red	Bayonet base	10250T197HLRP24	E34FB197HLRP24
		Green		10250T197HLGP24	E34FB197HLGP24
		Amber		10250T197HLAP24	E34FB197HLAP24
	120 Vac	Red		10250T197HLRP2A	E34FB197HLRP2A
		Green		10250T197HLGP2A	E34FB197HLGP2A
		Amber		10250T197HLAP2A	E34FB197HLAP2A
Transformer	120 Vac	Red	10250T181HLRP06	E34TB120HLRP06	
		Green	10250T181HLGP06	E34TB120HLGP06	
		Amber	10250T181HLAP06	E34TB120HLAP06	
Incandescent Lamp					
Full voltage	24 Vac/Vdc	Red	#757	10250T206HRP	E34FB24HRP
		Green		10250T206HGP	E34FB24HGP
		Amber		10250T206HAP	E34FB24HAP
Resistor	120 Vac/Vdc	Red	120MB	10250T201HRP	E34RB120HRP
		Green		10250T201HGP	E34RB120HGP
		Amber		10250T201HAP	E34RB120HAP
Transformer	120 Vac	Red	#755	10250T181HRP	E34TB120HRP
		Green		10250T181HGP	E34TB120HGP
		Amber		10250T181HAP	E34TB120HAP

Plastic



Glass



Lens Selection

Color	Plastic Suffix Code	Catalog Number	Glass Suffix Code	Catalog Number	Color	Plastic Suffix Code	Catalog Number	Glass Suffix Code	Catalog Number
10250T					E34				
Red	RP	10250TC1N	RG	10250TC7N	Red	RP	E34H2	RG	E34G2
Green	GP	10250TC2N	GG	10250TC8N	Green	GP	E34H3	GG	E34G3
Amber	AP	10250TC19N	AG	10250TC9N	Amber	AP	E34H9	AG	E34G9
Yellow	YP	10250TC3N	—	—	Yellow	YP	E34H4	YG	E34G4
Blue	LP	10250TC4N	LG	10250TC10N	Blue	LP	E34H6	LG	E34G6
Clear	CP	10250TC5N	CG	10250TC11N	Clear	CP	E34H0	CG	E34G0
White	WP	10250TC6N	WG	10250TC12N	White	WP	E34H5	WG	E34G5

Notes

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

- ① To order different color lens, simply substitute the underlined characters in the catalog number with appropriate suffix code from the Lens Selection table above.
Example: 10250T201HYP.

Indicating Light Lenses

	Color	10250T Catalog Number	E34 Catalog Number
Plastic  10250TC_  E34H_	Plastic		
	Red	10250TC1N	E34H2
	Green	10250TC2N	E34H3
	Amber	10250TC19N	E34H9
	Yellow	10250TC3N	E34H4
	Blue	10250TC4N	E34H6
	Clear	10250TC5N	E34H0
	White	10250TC6N	E34H5
Glass  10250TC_  E34G_	Glass		
	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_ 	10250TC_		
	Red	10250TC21	E34V2
	Green	10250TC22	E34V3
	Yellow	10250TC23	E34V4
	Amber	10250TC43	E34V9
	Blue	10250TC24	E34V6
	Clear	10250TC25	E34V0
	White	10250TC26	E34V5