

30.5 mm Square Multifunction Watertight/Oiltight—E30



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Product Description

The E30 industrial pushbutton and indicating light line from Eaton's Electrical Sector features a wide selection of square, multifunction operators which conveniently mount in a standard 30.5 mm (1-13/64 in) diameter panel hole. Up to six input and indicating functions can be grouped into a single operating head, saving valuable panel space. Attractive square operator styling, coupled with custom legending of colored buttons and lenses and many special function accessories, makes E30 components ideally suited for use on control consoles and for a variety of industrial OEM applications.

Features

Type E30 control units consist of a basic operator with one or more buttons and lenses and contact block selection dependent on the specific operator configuration.

- **Pushbutton operators** will accommodate up to four single depth stackable contact blocks behind each operating button, up to eight circuits maximum.
- **Indicating lights** are supplied complete with either a transformer light unit up to 600 Vac supply line voltage or full voltage light unit up to 120 Vac/Vdc supply line voltage.
- **Combination pushbutton with indicating light** operators are supplied complete with a transformer or full voltage unit. Contact blocks must be ordered separately, up to four circuits maximum.

Die Cast Construction

Each operator has high pressure type seals to prevent the passage of oil and other contaminants through the operator into the contact structure or panel interior. Each operator uses a Buna N cork gasket between the mounting flange on the operator and the panel to maintain oiltightness.

Standards and Certifications

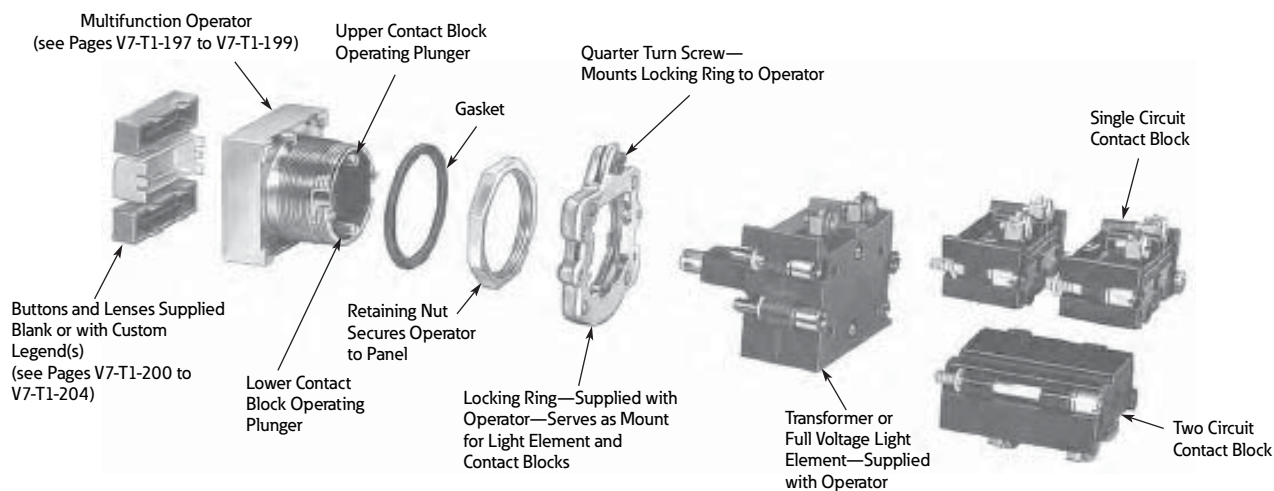
- UL Listed—File No. E131568
- CSA Certified—File No. LR68551



Ingress Protection

- Single and dual indicating lights
 - UL (NEMA) Type 1, 2, 3, 3R, 3S, 4, 4X, 12, 13
- All other operators
 - UL (NEMA) Type 3, 3R, 4, 4X, 12, 13

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Product Identification**30.5 mm Square Multifunction Watertight/Oiltight**

Operator Components

Operating Buttons Only

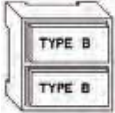
Type A Extended Button

Type A Buttons with Standard Markings ^①

Button Application	Color	Marking	Extended Button Catalog Number	Short Button Catalog Number	Color	Marking	Extended Button Catalog Number	Short Button Catalog Number
	Black	Blank	E30KA100	E30KA150	Green	START	E30KA330	E30KA380
		START	—	E30KA180	Yellow	Blank	E30KA400	E30KA450
Red	Red	Blank	E30KA200	E30KA250	White	Blank	E30KA500	E30KA550
		EMERG. STOP	E30KA204	—	Gray	Blank	E30KA600	E30KA650
		OFF	E30KA218	E30KA268	Brown	Blank	E30KA700	E30KA750
		STOP	E30KA231	E30KA281	Orange	Blank	E30KA800	E30KA950
Green	Green	Blank	E30KA300	E30KA350	Blue	Blank	E30KA900	E30KA950

Type B Extended Button

Type B Buttons with Standard Markings ^②

Button Application	Color	Marking	Extended Button Catalog Number	Short Button Catalog Number	Color	Marking	Extended Button Catalog Number	Short Button Catalog Number
	Black	Blank	E30KB100	E30KB150	Black	REVERSE	E30KB125	E30KB175
		AUTO	E30KB101	E30KB151		RUN	E30KB126	E30KB176
		CLOSE	E30KB102	E30KB152		SLOW	E30KB128	E30KB178
		DOWN	E30KB103	E30KB153		START	E30KB130	E30KB180
		FAST	E30KB105	E30KB155		TEST	E30KB132	E30KB182
		FORWARD	E30KB107	E30KB157		UP	E30KB134	E30KB184
		HIGH	E30KB109	E30KB159	Red	Blank	E30KB200	E30KB250
		IN	E30KB110	E30KB160		EMERG. STOP	E30KB204	—
		INCH	E30KB111	E30KB161		OFF	E30KB218	E30KB268
		JOG	E30KB112	E30KB162	Green	Blank	E30KB300	E30KB350
		JOG FOR.	E30KB113	E30KB163		START	E30KB330	E30KB380
		JOG REV.	E30KB114	E30KB164	Yellow	Blank	E30KB400	E30KB450
		LOW	E30KB115	E30KB165		Blank	E30KB500	E30KB550
		LOWER	E30KB116	E30KB166	White	AUTO	E30KB501	—
		MAN	E30KB117	E30KB167		HAND	E30KB508	—
		ON	E30KB119	E30KB169	Gray	Blank	E30KB600	E30KB650
		OPEN	E30KB120	E30KB170		Blank	E30KB700	E30KB750
		OUT	E30KB121	E30KB171	Orange	Blank	E30KB800	E30KB850
		RAISE	E30KB122	E30KB172		Blank	E30KB900	E30KB950
		RESET	E30KB124	E30KB174	Blue	Blank	E30KB900	E30KB950

Notes

^① Use with operator E30AA, legend characters 3/16 in (4.8 mm) high.

^② Use with operators E30AB thru AE, AL and DA thru DF, legend characters 3/16 in (4.8 mm) high.