

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

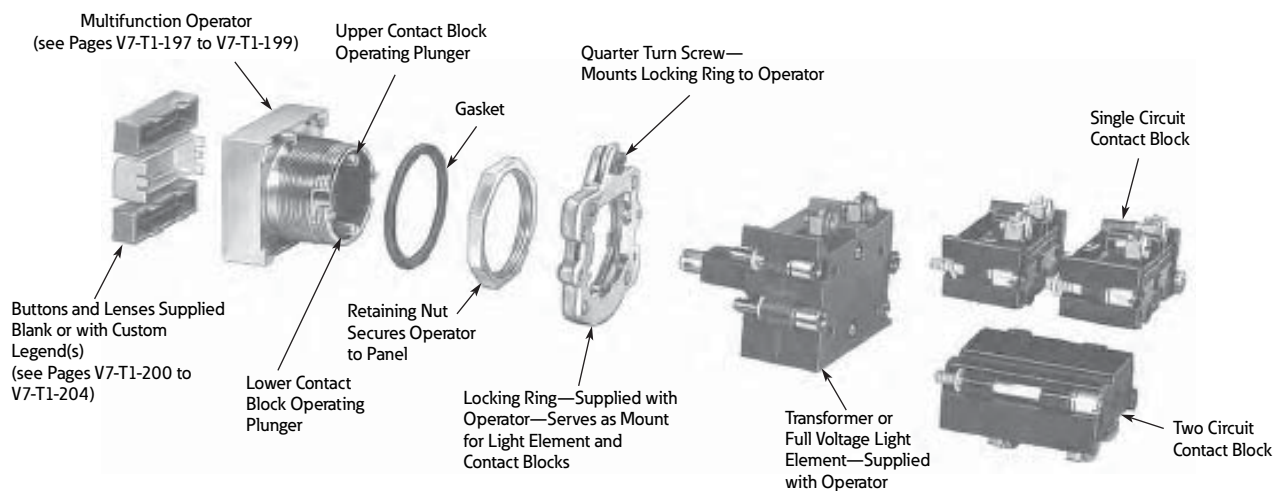
- UL Listed—File No. E131568
- CSA Certified—File No. LR68551



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**

Operating Buttons and Lens Only**Standard Color Buttons and Lens Marking** ^①

Black lettering on — White, Amber, Yellow and Clear.

White lettering on — Green, Red, Blue, Brown, Black, Orange and Gray.

Type E Button**Type E Buttons with Standard Markings** ^②

Button Application	Color	Marking	Extended Button Catalog Number	Color	Marking	Extended Button Catalog Number
	Black	Blank	E30KE100	Black	RESET	E30KE124
		CLOSE	E30KE102		REVERSE	E30KE125
		DOWN	E30KE103		RUN	E30KE126
		FAST	E30KE105		SLOW	E30KE128
		FORWARD	E30KE107		START	E30KE130
		HIGH	E30KE109		TEST	E30KE132
		IN	E30KE110		UP	E30KE134
		INCH	E30KE111	Red	Blank	E30KE200
		JOG	E30KE112		OFF	E30KE218
		JOG FOR.	E30KE113		STOP	E30KE231
		JOG REV.	E30KE114	Green	Blank	E30KE300
		LOW	E30KE115		START	E30KE330
		LOWER	E30KE116	Yellow	Blank	E30KE400
		ON	E30KE119	White	Blank	E30KE500
		OPEN	E30KE120	Gray	Blank	E30KE600
		OUT	E30KE121	Brown	Blank	E30KE700
		PHASE	E30KE122	Orange	Blank	E30KE800
				Blue	Blank	E30KE900

Type F Lens**Type F Lenses with Standard Markings** ^③

Button Application	Color	Marking	Catalog Number	Color	Marking	Catalog Number
	Red	Blank	E30KF10	Green	OFF	E30KF22
		MOTOR RUN	E30KF11	Amber	Blank	E30KF30
		ON	E30KF12	Blue	Blank	E30KF40
		POWER ON	E30KF13	Clear	Blank	E30KF50
	Green	Blank	E30KF20	White	Blank	E30KF60
		MOTOR STOP	E30KF21			
		MOTOR RUN	E30KF23			

Notes

^① For lenses with special markings or with standard markings but in a different color, refer to instructions on **Pages V7-T1-207 to V7-T1-209**.

^② Use with operators E30EA thru EM, FA thru FM and JA thru JM, legend characters 1/8 in (3.2 mm) high.

^③ Use with operators E30BA thru BY, legend characters 3/16 in (4.8 mm) high.