



K30

Multipurpose Touch Buttons


Have up to two colors in one unit and are ergonomically designed to eliminate hand, wrist and arm stress associated with repeated switch operation. The indicator inputs are totally independent of the touch activated output, making these devices flexible for use in countless applications.

- Up to two independent colors in one unit with many color options available
- Rugged, cost-effective and easy-to-install multicolor indicator with touch button output
- Touch-activated, solid-state output will last for millions of cycles
- Can be actuated with bare hands or work gloves
- Water-resistant IP69K design for washdown environments
- Cordsets and brackets see page 616







Touch K30 One or Two Color Model Key, 12-30 V DC Example Model Number K30APTGRF2Q


Family	Output State	Input/Output	Activation Method	Color		Function	Connection
K30	A	P	T	G	R	F2	Q
	A = Normally Open R = Normally Closed	P = PNP N = NPN	T = Touch	G = Green Y = Yellow R = Red B = Blue W = White O = Orange T = Turquoise V = Violet M = Magenta X = Not used		F2 = Multifunction	Blank = 2 m Integral Cable Q = Euro Integral QD QP = Euro Pigtail QD







 **Connection Option:** A model with a QD requires a mating cordset (see page 616).


Cordsets

Euro QD (for Q5 models)			
See page 908			
Length	Threaded 4-Pin		
	Straight	Right-Angle	
1.83 m	 MQDC-406	 MQDC-406RA	
4.57 m	 MQDC-415	 MQDC-415RA	
9.14 m	 MQDC-430	 MQDC-430RA	


Additional cordset information available.
See page 904.

Brackets

K30			
SMB22A	SMB22FVK	SMBAMS22P	SMB22RAVK
			

Additional bracket information available.
See page 846.

K30 Touch Specifications

Supply Voltage	12 to 30 V dc
Supply Current	Less than 75 mA max current at 12 V dc (exclusive of load) Less than 50 mA max current at 30 V dc (exclusive of load)
Supply Protection Circuitry	Protected against reverse polarity and transient voltages (fast transient and over-voltage) and reverse polarity
Construction	Housing: Polycarbonate Translucent dome: Polycarbonate Mounting Nut: PBT
Environmental Rating	IEC IP67, IP69K per DIN 40050-9. Cabled models also meet IP69K if the cable and cable entrance are protected from high-pressure spray
Connections	Integral 4-pin Euro style QD, or 2 m PVC integral cable, or 4-pin 150 mm Euro-style PVC pigtail QD
Operating Conditions	Temperature: -40° to +50° C Max. Relative Humidity: 90% @ +50° C max. relative humidity (non-condensing) Storage Temperature: -40° to +70° C
Certifications	
Hookup Diagrams	LI27 (p. 1007)