

Beckwith Electronics

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EAO SECME Division

ECO Economical flush-mount keypads

Low cost, flush mount ECO keypads are available in 12-key telephone and 16-key hexadecimal II layouts. Engineered for more than 1-million operations, the dependable keypads are particularly well suited for data entry, encoding, remote control, telephone, and other high volume applications.



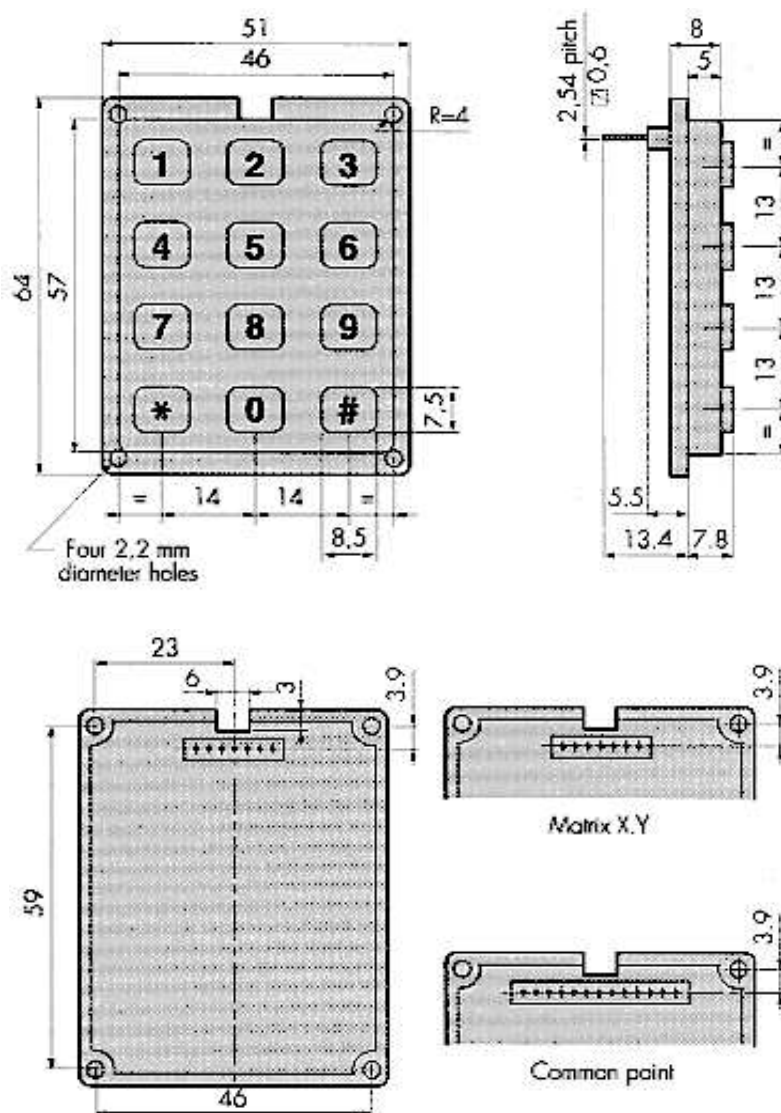
1. Attractive, economical keypads
2. Rugged polycarbonate key and case
3. Common point or matrix circuitry
4. Easy flush mounting
5. Telephone and hexadecimal II layouts
6. More than 1-million operations

ECO Keypads	
Description	Part Number
12-key, common point, telephone layout	ECO 12100 06
12- key, matrix, telephone layout	ECO 12150 06
16-key, common point, hexadecimal II layout	ECO 16200 06
16-key, matrix, hexadecimal II layout	ECO 16250 06

Specifications	
Contacts: Carbon/gold	24 V/20 mA nominal 24V max. 500 mV/10 mA min. 0.5 W nominal power
Contact circuit resistance	220 Ohms/1N, 50 mV/10 mA
Insulation resistance	>1,000 M Ohms, 100 VDC

Operating force	1.2N \pm 35%
Operating travel	1.4 mm \pm 0.1 mm
Total travel	0.80 mm mean value
Operating life	>1-million operations
Vibration resistance	55/10 Hz, 10 cycles, 10 G
E.D.S. protection	5000 V
Operating temperature	-25 to +85°C
Storage temperature	-40 to +85°C

12-key telephone keypad



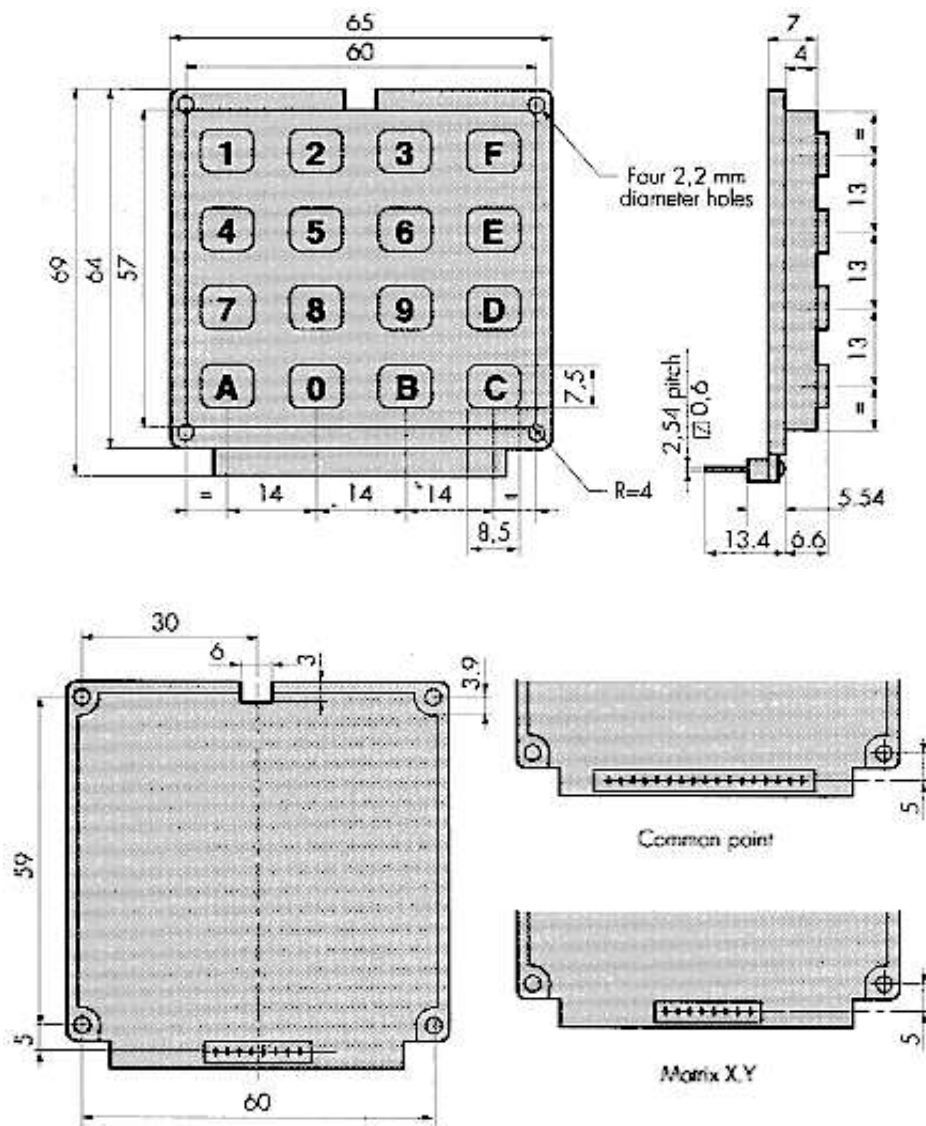
Connector output
(back view)
12-key
Matrix



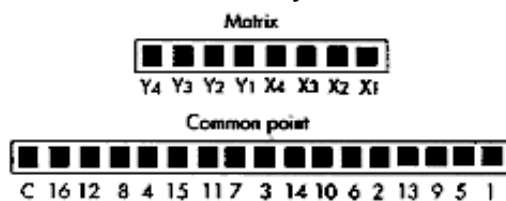
Common point



16-key hexadecimal II keypad



Connector output
(back view)
16-key



Key location for
electrical wiring

	X1	X2	X3	X4
Y1	1	5	9	13
Y2	2	6	10	14
Y3	3	7	11	15
Y4	4	8	12	16

Key location for electrical wiring

[Home](#)