

Keyboards & Keypads

Low Cost Miniature Keypads
ECO Series



467-212 467-200



Miniature matrix circuit keypads in a black flush mounting case with white keys and black markings. Fitted with a 0.1" pitch header (7 pin for 12 way and 8 pin for 16 way keypads).
Mftrs. List No. ECO 12150 06=467-200, ECO 16250 06=467-212

Operating voltage	24V max.	Operational life	1000000 operations
Operating Current	50mA max.	Contact	Amorphous Carbon on Gold
Contact resistance	220R/1N	Operating temp.	-25°C to 70°C
Contact bounce	5ms		

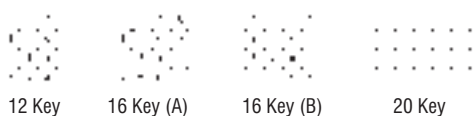
213246

	Order Code	1+	10+	50+
Keypad, 12 way	113-0805	388.00	353.00	323.00
Keypad, 16 way	113-0806	485.00	441.00	405.00

Low Profile Keypad



Key Layouts



12 Key 16 Key (A) 16 Key (B) 20 Key
Front Mounting Types: H=68.6, W=50.8 (12 key), 63.5 (16 key), D=4.83 (front panel)
Rear Mounting Types: H=76.2, W=68.6 (16 key), 81.3 (20 key), D=4.83

Mounting Details



- Moulded keys with black character on white key
- Outputs are either single pole or matrix

Contact rating	50mA @ 28V dc (Precious metal)
Connections	0.1" single in line
Contact bounce	3ms

213248

	Order Code	1+	10+
Front Mounting			
12 Key, SP	170-604	1,282.00	--
12 Key, 4 3	170-605	1,286.00	--
16 Key, 4 4 (A)	103-651	1,598.00	1,543.00
16 Key, 4 4 (B)	170-606	1,489.00	1,528.00
Rear Mounting			
16 Key, 4 4 (A)	103-653	1,628.00	1,561.00
16 Key, SP (A)	103-654	1,598.00	1,518.00
20 Key, 4 5 (blank)	170-608	1,928.00	1,963.00

Sealed and Rugged Keypads - IP67
Storm 700 Series and 900 Series



Illuminated keypads



981-0021: W=96, D=32



Legend Tiles

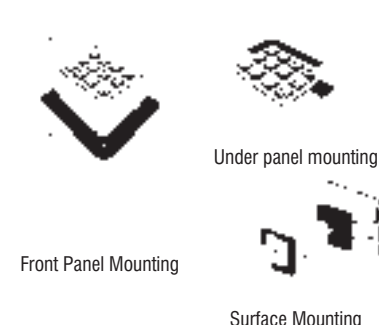
- Excellent tactile characteristics
- Interchangeable legends fit into recess in keys
- Dual LEDs allow red or green illumination of any key
- 0.1" gold plated connectors (compatible with Molex KK range)
- Six legend tile sets available, for information see legend tile character library
- Comprehensive instructions supplied

Operating voltage	24V max.	Operating temp. range	-55°C to +125°C (700 series) -25°C to +85°C (900 Series)
Operating current	50mA max.	Keytop travel	1.5mm nominal
Breakdown voltage	500V max.	Actuation force	160g typ
Insulating resistance	50MR	Environ sealing	BS5490 IP67
Contact resistance	100R max.	Illuminated keypads only:	
Contact bounce	5ms max.	LED drive current	20mA typ. 25mA max.
Operational life to 70°C	2 million cycles	LED drive voltage (single diode)	3.3V typ.
Material:		LED drive voltage (double diode)	
Keypad surface	Engineering grade silicone rubber.		
Keypad chassis	Anodised aluminium		

213253

	Mftrs. List No.	Order Code	1+	10+	50+
Non illuminated					
Grey, 4 way	70040101	981-0021	1,265.00	1,172.00	1,130.00
Black, 4 way	70040201	981-0030	1,265.00	1,204.00	1,144.00
Grey, 12 way	70120101	981-0048	1,672.00	1,548.00	1,493.00
Black, 12 way	70120201	981-0056	1,672.00	1,591.00	1,512.00
Grey, 16 way	70160101	981-0064	2,328.00	2,157.00	2,079.00
Black, 16 way	70160201	981-0072	2,328.00	2,215.00	2,106.00
QWERTY, Grey	70360101	981-0080	3,770.00	3,560.00	3,432.00
QWERTY, Black	70360201	981-0099	3,770.00	3,657.00	3,474.00
Illuminated					
keypad, 4 way	90040101	981-0102	2,139.00	1,984.00	1,912.00
keypad, 12 way	90120101	981-0110	3,248.00	3,068.00	2,957.00
keypad, 16 way	90160101	981-0129	4,403.00	4,156.00	4,007.00
Rear Panel Mounting Kits					
4 way	7004CL01	207-524	163.00	--	--
12/16 way	7012CL01	207-536	327.00	--	--
Keytop Legend Tiles					
Non-Illuminated					
Set A	70A00101	207-275	313.00	301.00	286.00
Set B	70B00101	207-287	313.00	301.00	286.00
Set C	70C00101	207-299	313.00	301.00	286.00
Set D	70D00101	207-305	313.00	301.00	286.00
Set E	70E00101	207-317	313.00	301.00	286.00
Set F	70F00101	207-329	313.00	301.00	286.00
Illuminated					
Set A	90A00101	207-354	313.00	301.00	286.00
Set B	90B00101	207-366	313.00	301.00	286.00
Set C	90C00101	207-378	313.00	301.00	286.00
Set D	90D00101	207-380	313.00	301.00	286.00
Set E	90E00101	207-391	313.00	301.00	286.00

Storm Multi-Purpose Keypad Range - Up to IP67
Storm 'K' Series



1000PLX 3000 Series

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Switches

Compliant
Non-compliant
RoHS
+ Limited stock - RoHS replacement available