keypad

packaging of 10 pcs.



recommended accessories:
-

	marking	electrical switching	material of contacts	colour of key	colour of marking	part no.	technical drawing	mounting dimension	components layout
keypad plastic keys for internal use	12 (telephone)	common point	carbon/Au	white	black	**ECO.12100.06**	1	1	1
		matrix	carbon/Au	white	black	**ECO.12150.06**	1	1	1
	16 (hexadecimal II)	common point	carbon/Au	white	black	**ECO.16200.06**	2	1	2
		matrix	carbon/Au	white	black	**ECO.16250.06**	2	1	2

technical drawing as of page ECO.3, mounting dimensions ECO.3, components layouts as of page ECO.4

ECO

electrical characteristics

contact power rating
nominal: 0,5 W

contact resistance
< 200 Ω

current
nominal: 20 mA,
minimum: 10 mA

ESD protection
5000 V

insulation resistance
at 100 Vcc: > 1000 MΩ

life time
at nominal rating: > 10^6 operations

voltage
nominal: 24 V,
maximum: 24 V,
minimum: 500 mV

mechanical characteristics

actuating force
1,2 N +/- 35%

actuating travel
1,4 mm +/- 0,1

contacts
carbon/Au

marking height
3,5 mm

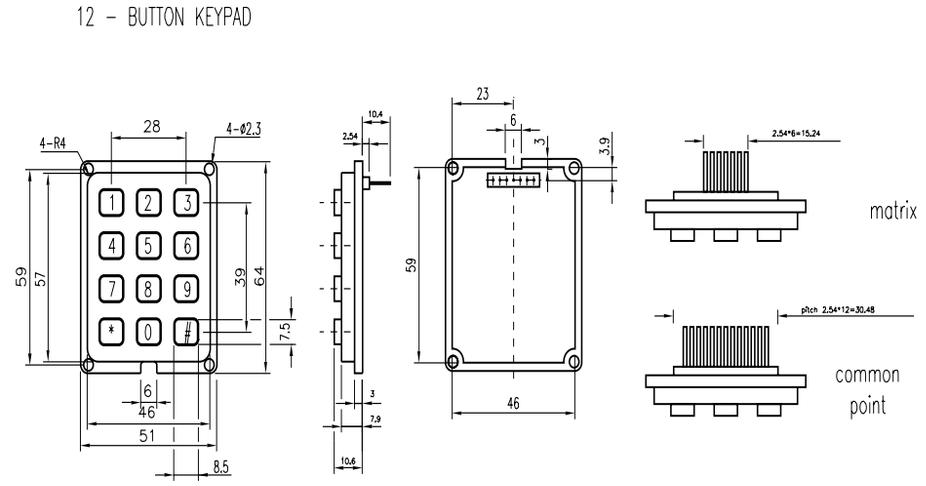
climatic characteristics

service temperature
-20°C + 60°C

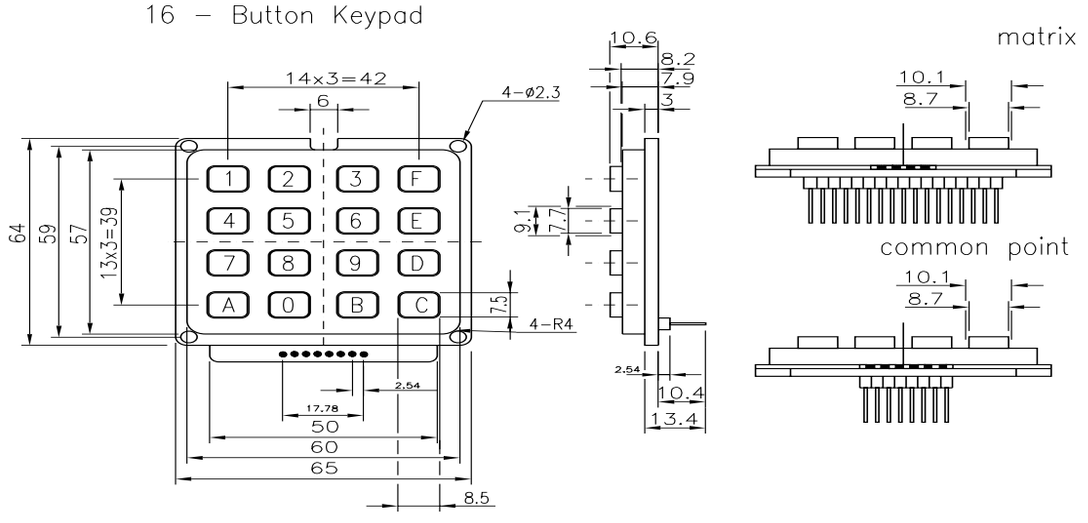
storage temperature
-40°C + 65°C

Technical Drawing

1 keypad
page ECO.1

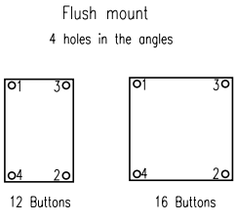


2 keypad
page ECO.1



Mounting Dimension

1 keypad
page ECO.1



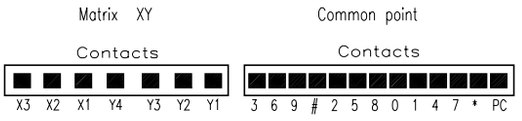
Components Layouts

1 keypad

page ECO.1

12 KEYS – CONNECTOR

(rear view)



	X1	X2	X3
Y1	1	2	3
Y2	4	5	6
Y3	7	8	9
Y4	*	0	#

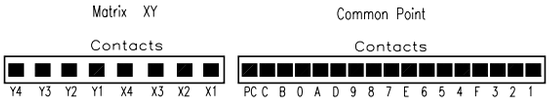
Connection by female connector HE 14
(not supplied)

2 keypad

page ECO.1

16 KEYS – CONNECTOR

(rear view)



	X1	X2	X3	X4
Y1	1	2	3	F
Y2	4	5	6	E
Y3	7	8	9	D
Y4	A	0	B	C

Connection by female connector HE14
(not supplied)