

**Create
a legend**
Tough keypads with snap-on
keytops for custom legends



storm[®]
Graphic Series

Keymat Technology Ltd., 14 Bentinck Court,
Bentinck Road, West Drayton, Middlesex UB7 7RQ, England
Tel: +44 (0)1895 431421 Fax: +44 (0)1895 431132

Web Site: http://ourworld.compuserve.com/homepages/KEYMAT_TECHNOLOGY/
E-Mail: INTERNET: keymat_technology@compuserve.com

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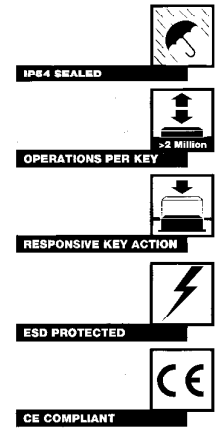
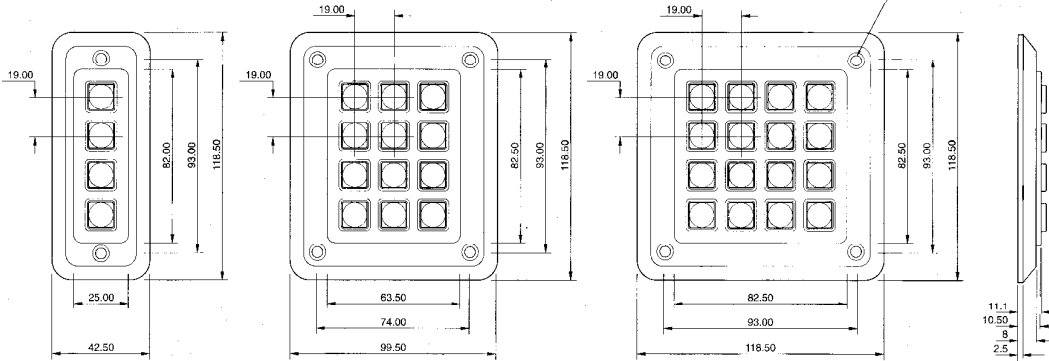
STORM Graphic Series Keypads feature keytop legends that can be configured or customised, without dismantling the keypad. The unique 'snap on' keytop cover encapsulates a polymer legend tile. The legend tiles can be selected from an extensive library of standard characters or symbols to suit many applications. Alternatively customised keytop graphics can be created using laser printed acetate film or screen printed polymer film. Keytop colours can also be customised by backing the transparent polymer or acetate legend tile with a second, coloured tile. The impact resistant keytop cover, once pressed into place, provides a permanent tamper resistant lens, protecting the encapsulated legend from wear, physical damage, water ingress and unauthorised removal.

Part No.s

GS0402 (Black)
GS0401 (Grey)

GS1202 (Black)
GS1201 (Grey)

GS1602 (Black)
GS1601 (Grey)



The introduction of the **Graphic Series** means that **STORM** keypads can now be tailored to meet specialised requirements even in low or medium quantities. Available in 4 key, 12 key and 16 key formats these keypads are ideal for use in industrial, commercial, point of sale or public applications.

MOUNTING & CONNECTION DETAILS

Connection Details for 4 Key Keypad

CONTACT CONNECTIONS
● ● ● ●
5 4 3 2 1
(As viewed from rear of keypad)

KEY LOCATION
(As viewed from front of keypad)

CONVEC. PIN	ROW/COLUMN
1	common
2	D
3	C
4	B
5	A

Connection Details for 12 Key Keypad

CONTACT CONNECTIONS
● ● ● ● ● ● ● ● ● ● ● ●
8 7 6 5 4 3 2 1
(As viewed from rear of keypad)

KEY LOCATION
(As viewed from front of keypad)

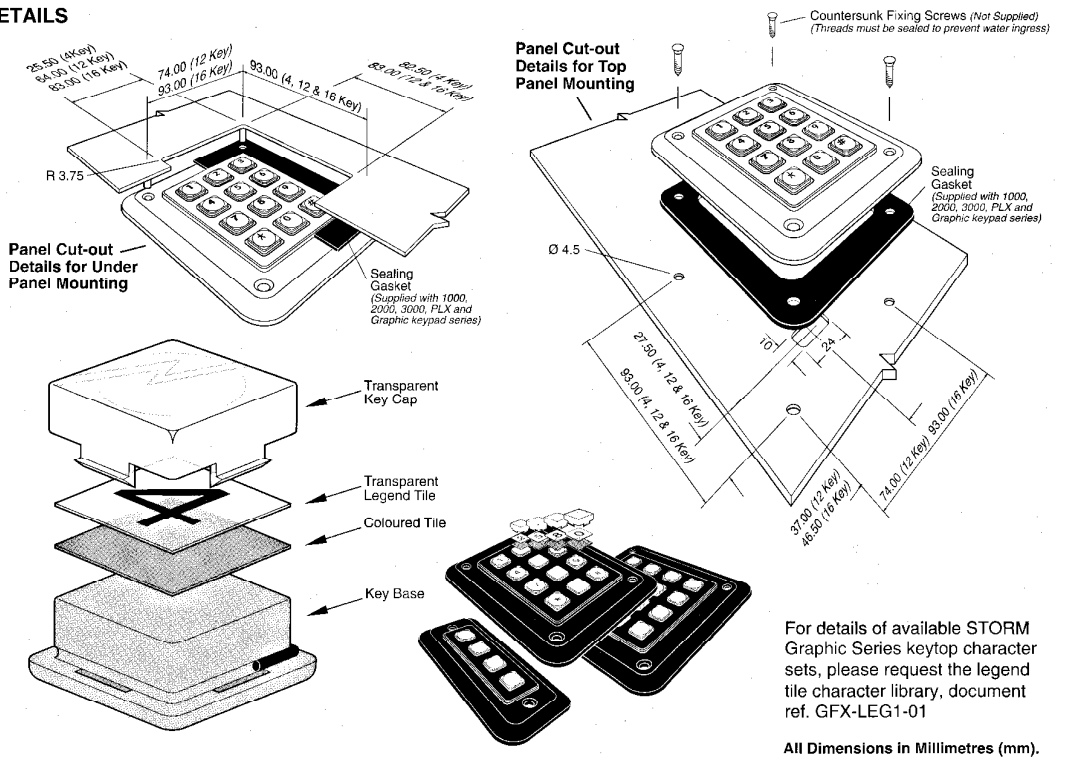
CONVEC. PIN	ROW/COLUMN
1	A
2	B
3	1
4	2
5	3
6	-
7	D
8	C

Connection Details for 16 Key Keypad

CONTACT CONNECTIONS
● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●
8 7 6 5 4 3 2 1
(As viewed from rear of keypad)

KEY LOCATION
(As viewed from front of keypad)

CONVEC. PIN	ROW/COLUMN
1	A
2	B
3	1
4	2
5	3
6	4
7	D
8	C



For details of available STORM Graphic Series keytop character sets, please request the legend tile character library, document ref. GFX-LEG1-01

All Dimensions in Millimetres (mm).

ELECTRICAL		MECHANICAL	
Contact Bounce	5ms (max)	Operational Life	2 million cycles (min) per key
Contact Resistance	100 ohms (max)	Keytop Travel	1.4mm nominal
Insulation Resistance	50 Mohms (min)	Actuation Force	180gms nominal
Breakdown Voltage	500V AC (max 60 secs.)	Connector	0.1" pitch, gold plated square pin, male connector
Operating Voltage	24V DC (max)	MATERIAL	
Operating Current	50mA (max)	Casing	General Service Polymer (black or mid grey)
ENVIRONMENTAL		Keytops	General Service Polymer (transparent)
Water / Dust Sealed	IP54 (when mounted to suitable enclosure)	Contact Circuit	Gold on Nickel plated FR4
Operational Temperature	-10°C to +85°C (Dry)		

KEYMAT TECHNOLOGY LTD

14 Bentinck Court Bentinck Road
West Drayton UB7 7HQ England
Telephone: +44(0)1895 431421
Telefax: +44(0)1895 431132

Whilst every effort is made to ensure details are correct at time of production, specifications are subject to change without notice.

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Web Site: http://ourworld.compuserve.com/homepages/KEYMAT_TECHNOLOGY/
E-Mail: INTERNET: keymat_technology@compuserve.com

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USA Office:
MGR INDUSTRIES

450-B Industrial Drive, Fort Collins, CO 80524
Tel: 970-521-2201 Fax: 970-404-4076