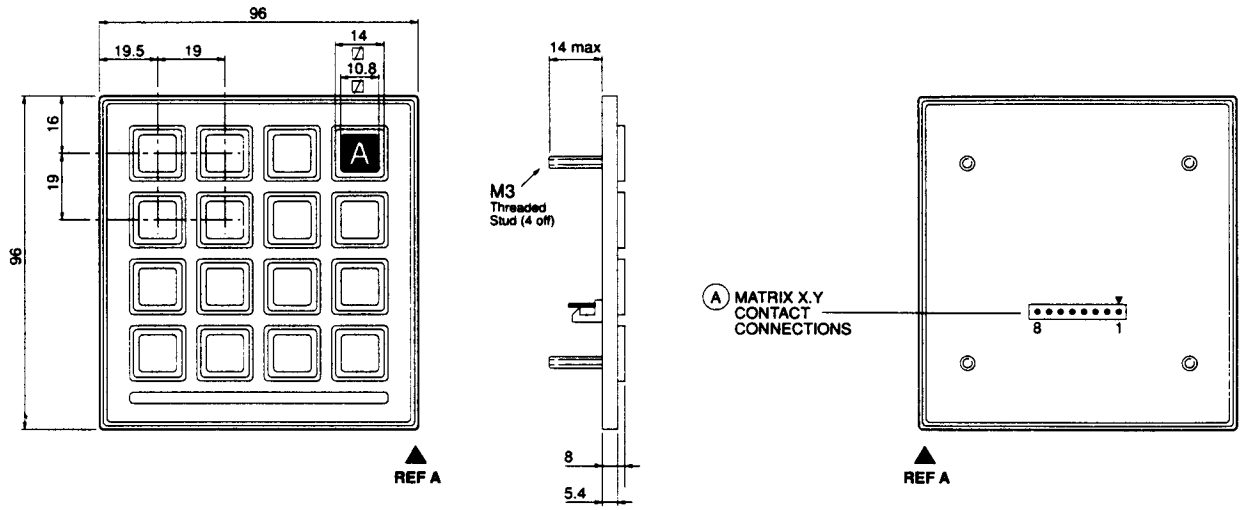
Storm 700 Series - 16 Key, Sealed & Rugged Keypad

Part No. Grey 70160100 Black 70160200

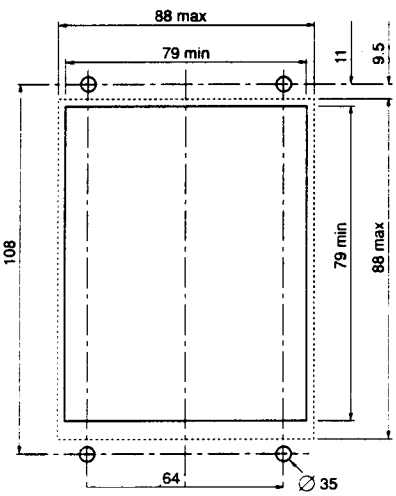


Interchangeable legend tile sets for use with this keypad are supplied seperately. Please refer to the Storm 700/900 Series keytop legend tile specification sheet for details.

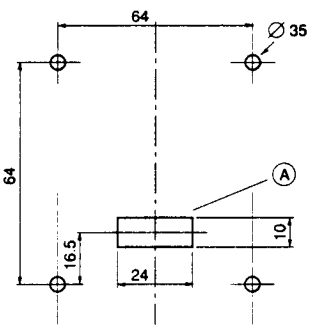
MOUNTING & CONNECTION DETAILS

NOTE: FOR UNDER PANEL MOUNTING
USE UNDER PANEL MOUNTING CLIPS
PART NUMBER 70CL0000

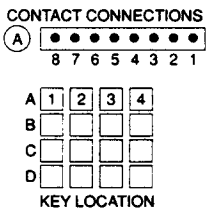
2 PAIRS REQUIRED



PANEL CUTOUT & DRILLING DETAILS
FOR UNDER PANEL MOUNTING



PANEL CUTOUT & DRILLING DETAILS
FOR MOUNTING TO PANEL SURFACE



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

All Dimensions in Millimetres (mm).

ELECTRICAL

Contact Bounce	5mS (max)
Contact Resistance	100 ohm (max)
Insulation Resistance	100 M ohms (min) at 480V DC
Breakdown Voltage (to case)	2500v AC (max 60 seconds)
Operating Voltage	24V DC (max)
Operating Current	50mA (max)

ENVIRONMENTAL

Water Sealed	BS5490 Class IP67/IEC529 Class IP67 when panel mounted
Humidity	90% RH at 40°C (104°F) -10 day (max) - Non-condensing
Operational Temperature	-55°C to +125°C (-67°F to +257°F)

MECHANICAL

Operational Life	2 x 10^6 cycles
Keytop Travel	1.5mm nominal
Actuation Force	160gms Typical
Sealing Torque	0.14 - 0.16 Nm
Connector	Locking 0.1" pitch gold-plated square pin connector suitable for use with Molex 2695/6471 or 7720S series or similar female connectors

MATERIAL

Keypad Surface	Engineering Grade Silicone Rubber
Keypad Chassis	Anodised Aluminium
Contact Circuit	Gold on Nickel plated FR4 PCB

Whilst every effort is made to ensure details are correct at time of print, Keymat Technology Ltd cannot be held responsible for any errors contained within.
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