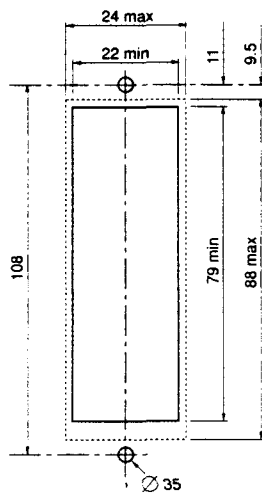


Interchangeable legend tile sets for use with this keypad are supplied separately. Please refer to the Storm 700/900 Series keytop legend tile specification sheet for details.

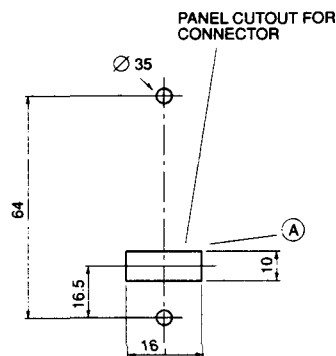
## MOUNTING & CONNECTION DETAILS

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

1 PAIR REQUIRED

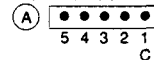


PANEL CUTOUT & DRILLING DETAILS  
FOR UNDER PANEL MOUNTING



PANEL CUTOUT & DRILLING DETAILS  
FOR MOUNTING TO PANEL SURFACE

CONTACT CONNECTIONS



A 1  
B 1  
C 1  
D 1  
KEY LOCATION

CONTACT MATRIX	
CONN. PIN	ROW/COLUMN
1	COMMON
2	D
3	C
4	B
5	A

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 <sup>6</sup> cycles
Keypad 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  
Keypad Chassis  
Contact Circuit

Engineering Grade Silicone Rubber  
Anodised Aluminium  
Gold on Nickel plated FR4 PCB