



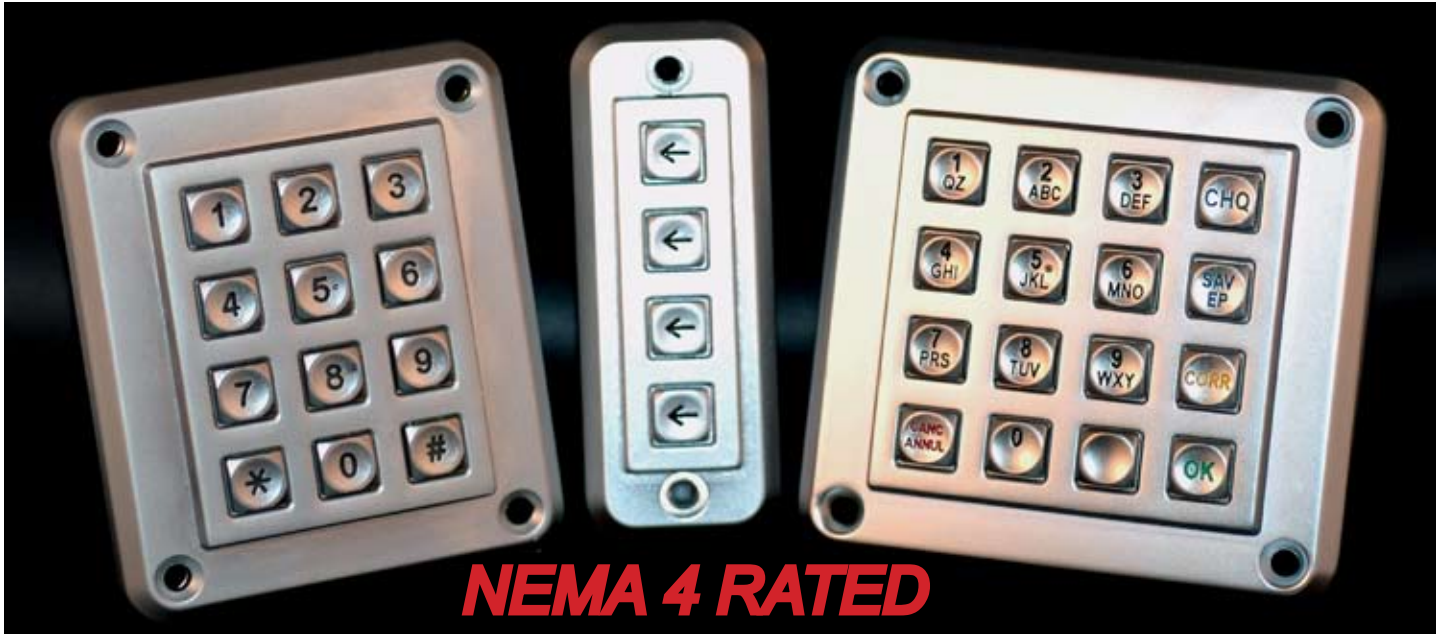
Operator Interface

TECHNOLOGY

Rugged Keypads and Keyboards

MVP SERIES

RUGGEDIZED METAL KEYPADS



APPLICATIONS

ACCESS CONTROL

PUBLIC ENVIRONMENTS

MILITARY

DISPENSING

FARE COLLECTION

FEATURES

VANDAL RESISTANT

IMPACT RESISTANT

INDOOR/OUTDOOR APPLICATIONS

SUB PANEL & FRONT PANEL MOUNTING

TACTILE FEEDBACK



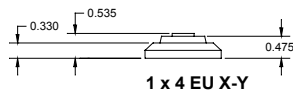
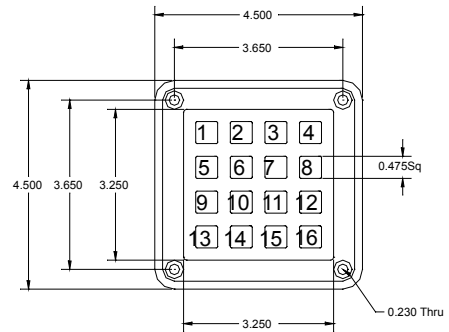
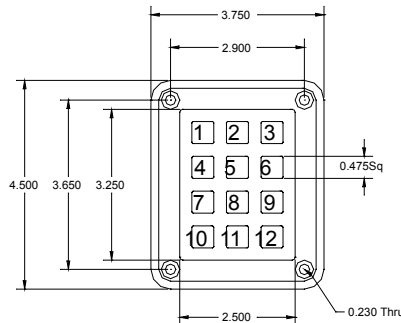
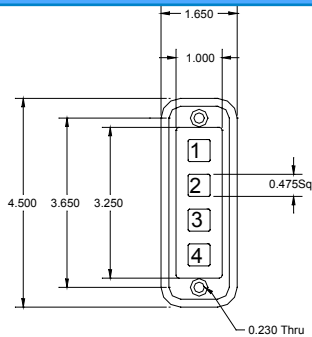


Operator Interface

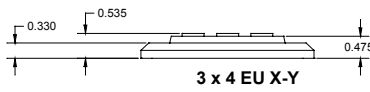
TECHNOLOGY

Rugged Keypads and Keyboards

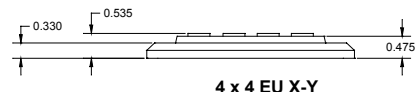
MVP SERIES



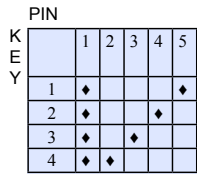
1 x 4 EU X-Y



3 x 4 EU X-Y

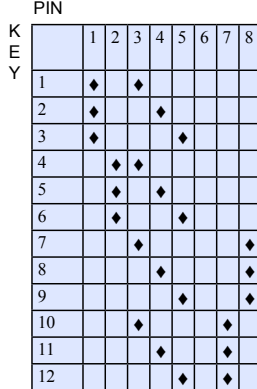


4 x 4 EU X-Y

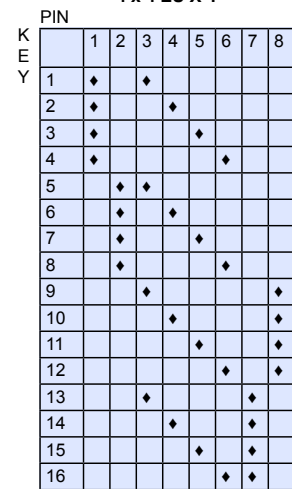


- 54321+

pins viewed from the rear of keypad



- 87654321+ pins viewed from the rear of keypad outside pins used for L.E.D.'s.



- 87654321+ pins viewed from the rear of keypad outside pins used for L.E.D.'s.

Shaded keys are available with L.E.D. backlighting. CANC, ENT and CLR have raised figures to meet A.D.A. standards.

KEYMAP

1 QZ	2 ABC	3 DEF	4 GHI	5 JKL	6 MNO	7 PRS	8 TUV	9 WXY	0	* CLR	# ENT		
CANC X	ENT ⊙	CLR ←	SAV EP	CANC ANNUL	OK	CORR	CHQ			A	B	C	D
1	2	3	4	5	6	7	8	9	0	A	B	C	D
F1	F2	F3	F4	*	#	→	F1	F2	F3	F4	*	#	→
1	2	3	4	5	6	7	8	9	0	A	B	C	D



ORDERING CODE:

Example for a 3x4 with numeric legends and EU X-Y circuit: MVP-12-B-B

MODEL NUMBER	LEGEND	CIRCUIT CODE
MVP--4--1x4	A---Alpha Numeric	A---X-Y
MVP-12--3x4	B---Numeric	B---EU X-Y
MVP-16--4x4	C---Custom	C---Custom

Bezels can be powder coated to customer specifications. Contact OIT for more information.

SPECIFICATIONS

ELECTRICAL

CONTACT CONFIGURATION	SPST Normally Open
CURRENT/VOLTAGE	10mA @ 24 Volts DC
BREAKDOWN VOLTAGE	500 Volts AC
CONTACT RESISTANCE	<100 Ohms
CONTACT BOUNCE	<5ms

MECHANICAL

LIFE EXPECTANCY	4 Million Actuations
TRAVEL	.050"
FORCE	150 gms Nominal
OPERATING TEMP	-40 to 75C
HUMIDITY	0 – 98% No Condensation

MATERIALS

BEZEL & KEYS	Die-cast Zinc/Chrome plated
RUBBER BOOT	Silicon
PRINTED CIRCUIT BOARD	Gold plated FR4/V94 Rated
TERMINALS	.025 Square pins, .100 centers Gold plated





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MODELS WITH L.E.D. BACKLIGHTING

Model Number	Legend	Circuit
MVPB--4 1x4	A- Numeric	A- X-Y
MVPB-12 3x4		B- EU X-Y

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