



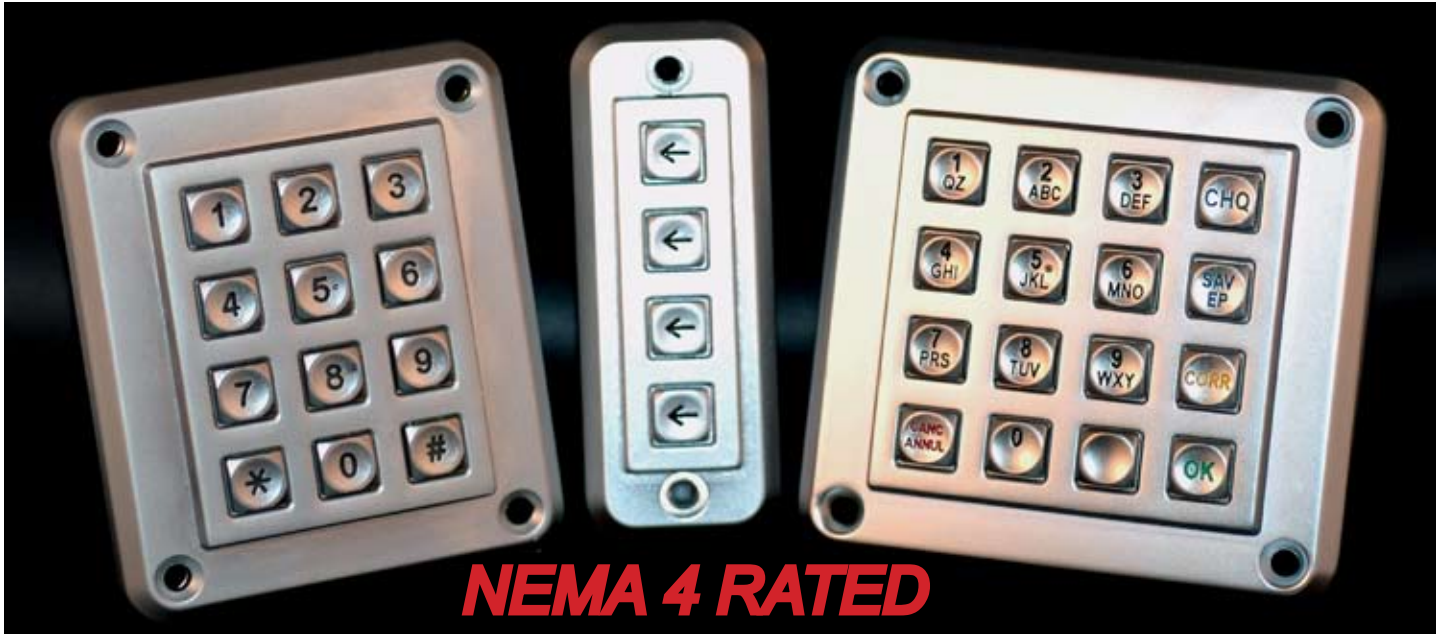
Operator Interface

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



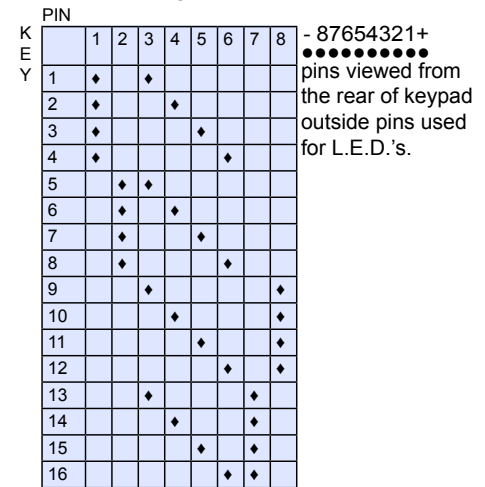
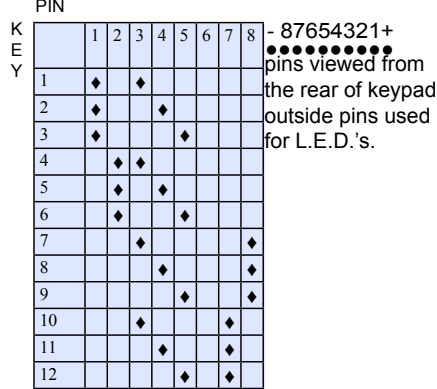
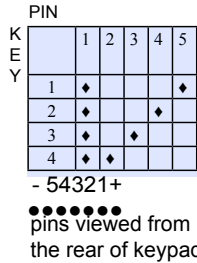
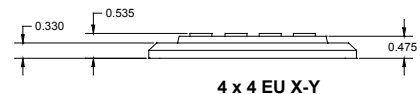
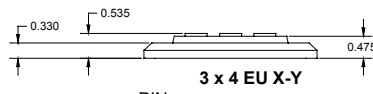
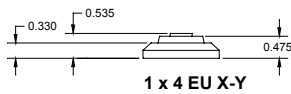
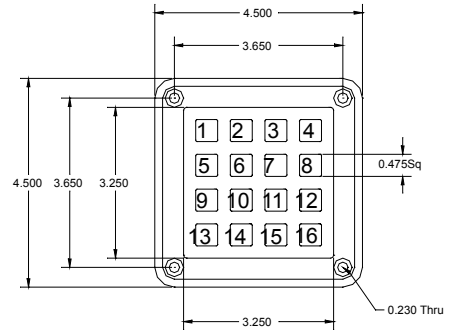
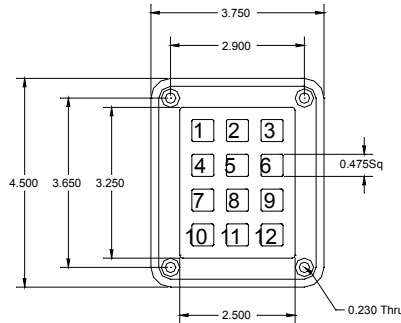
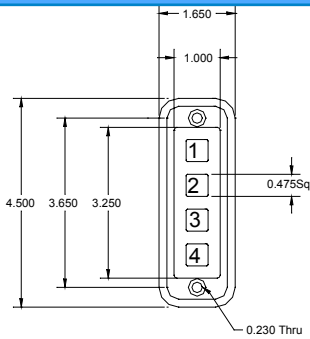


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Shaded keys are available with L.E.D. backlighting.
CANC, ENT and CLR have raised figures to meet A.D.A. standards.

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
MVPB- 16 4x4	C- Custom	C- Custom

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

