

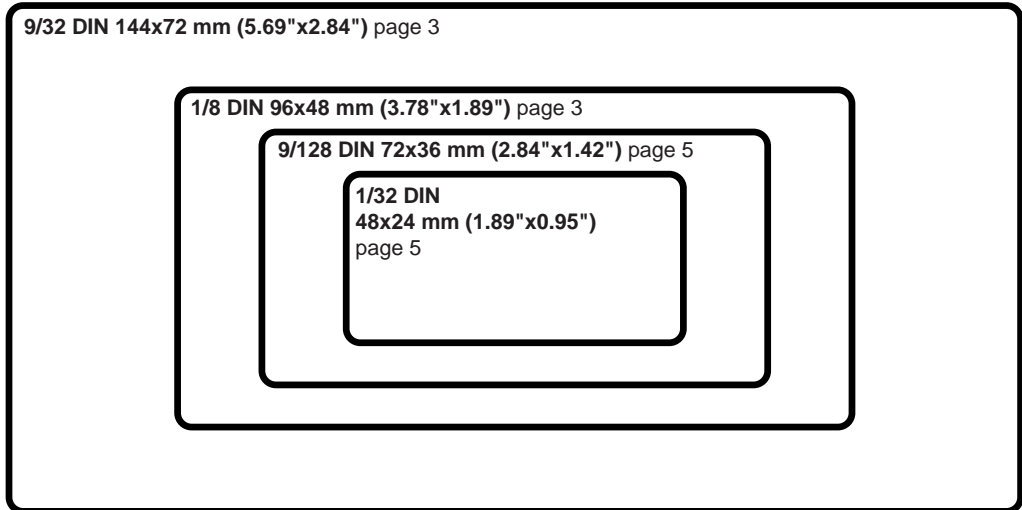


**DIN Case sizes available from Texmate**

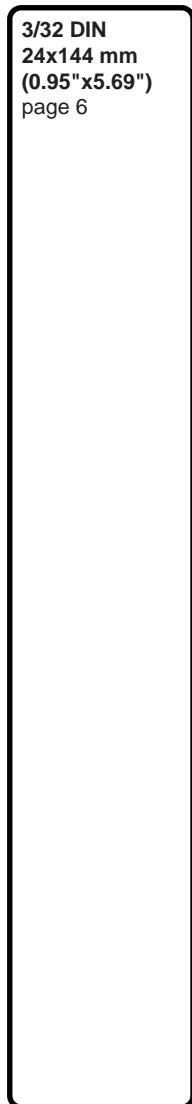
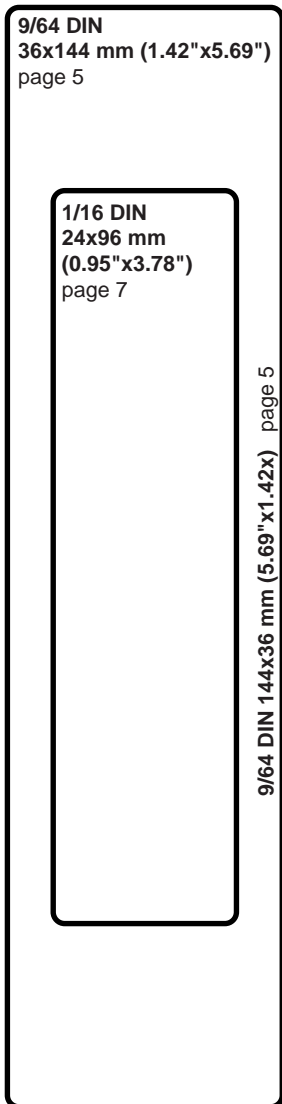
**The History of the Fractional DIN**

The case standard DIN 43700 was originally established in Europe, and specified case sizes with Bezel O.D.'s from 48x24mm to 288x144mm. The first DIN case to become popular in North America just happened to be 192x192mm. When a line of temperature controllers in 96x96mm DIN cases was subsequently introduced to the USA market, the new smaller case size was promoted as a "1/4 DIN." This led to the 96x48mm case being referred to as "1/8 DIN," the 48x48mm case as "1/16 DIN," and so on. In Europe, the fractional DIN designation is generally not recognized and DIN cases are identified by the outside dimensions of their bezel in millimeters.

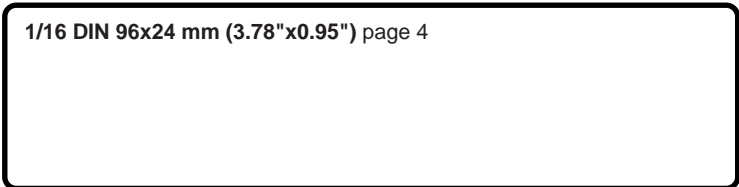
**Rectangular**



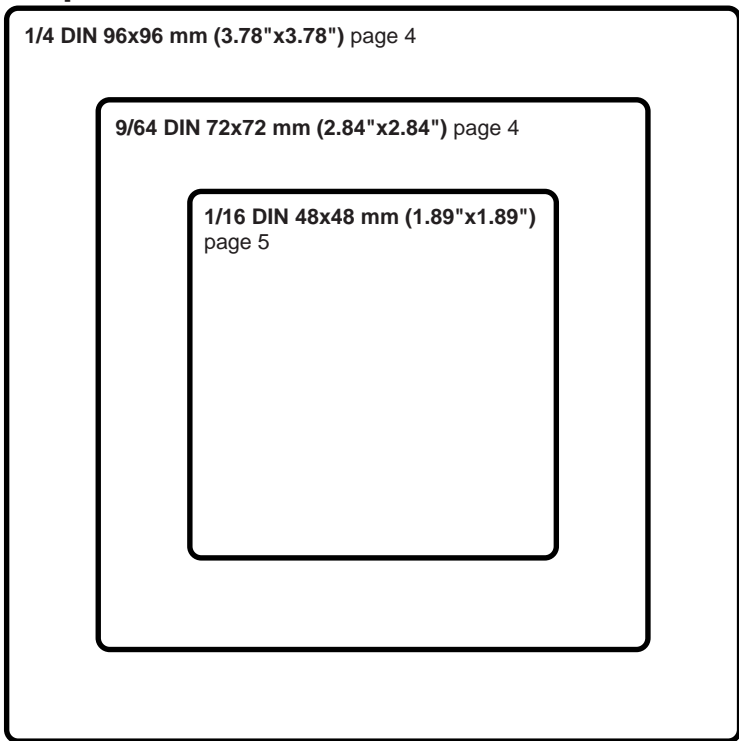
**Edgewise**



**Note:** The official DIN standard identifies each different case size by the outside dimension of the case bezel in millimeters, i.e. 96x48mm. (See History of the Fractional DIN, above left)



**Square**



**Meters by the Case shown at Approximately 50% of actual size**

**► DIN Case Sizes**

**► 9/32 DIN  
144x72 mm (5.69"x2.84")**



**Products that use this case:**  
GI-50EB101, GI-50E, GI-50T and GI-50TB101

**Case Dimensions** See page 16 for details

- Bezel: 144x72 mm (5.69"x2.84")
- Depth behind bezel: 130.47 mm (5.15")
- Plus 14 mm (0.55") for Right-angled connectors

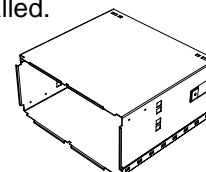
**Panel Cutout**

- Loose Fitting: 138x68 mm (5.44"x2.68")
- Snug Fitting: 136.85x67.75 mm (5.41"x2.64")
- Mosaic Fitting: 135.5x65.8 mm\* (5.35"x2.6")\*

\* Increase these dimensions by 2 mm (0.08") when the metal surround case is installed.

**Metal Surround Case**

Part no. OP-MTL144X72  
See page 8 for details



**► 1/8 DIN  
96x48 mm (3.78"x1.89")**



**Products that use this case:**  
DI-50E, DI-50T, DI-60E, DI-60T, DI-60AE, DI-60AT, DI-60XE, DI-60XT, DI-60AT5C, DI-802XAE, DI-802XAT, DI-60XM, DI-60AM, DI-50D, DX-35, DX-40, DX-45, DL-40, DL-40F, DL-40H, DL-40PSF, DL-40RPM, and DU-Series.

**Case Dimensions** See page 16 for details

- Bezel: 96x48 mm (3.78"x1.89")
- Depth behind bezel: 117 mm (4.61")
- Plus 11.8 mm (0.47") for Right-angled connector or plus 20 mm (0.79") for Straight-thru connector.

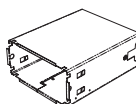
**Panel Cutout**

- Loose Fitting: 92x45 mm (3.62"x1.77")
- Snug Fitting: 91.6x43.4 mm (3.6"x1.71")
- Mosaic Fitting: 87.4x40.8 mm\* (3.45"x1.61")\*

\* Increase these dimensions by 1.6 mm (0.06") when the metal surround case is installed.

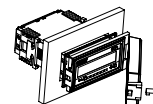
**Metal Surround Case**

Part no. OP-MTL96X48  
See page 9 for details



**Clear NEMA 4X Cover**

Part no. OP-N4X/96X48  
See page 10 for details



**► 1/8 DIN  
96x48 mm (3.78"x1.89")  
Ultra Short-Depth**



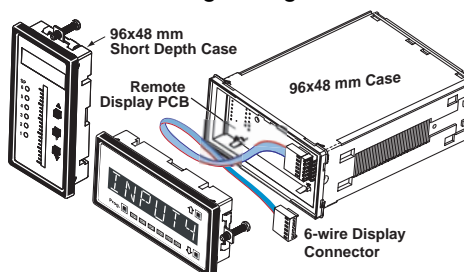
**Products that use this case:**  
SD-35, SD-50X, SD-60XI and SD-802XA1

**Case Dimensions** See page 17 for details

- Bezel: 96x48 mm (3.78"x1.89")
- Depth behind bezel: 15 mm (0.59")
- Plus 15 mm (0.59") for 10 pin PCB Edge connector or 16.4 mm (0.65") for right-angled connector

**Panel Cutout**

- Loose Fitting: 92x45 mm (3.62"x1.77")
- Snug Fitting: 91.6x43.4 mm (3.6"x1.71")



**Remote Display Option for  
Lynx, Leopard and Tiger  
Part Number: OP-DI/RDISP**

**Meters by the Case shown at Approximately 50% of actual size**

▶ **1/16 DIN**  
**96x24 mm (3.78"x0.95")**



**Products that use this case:**

BX-35, BX-45, BX-B31, BL-40, BL-40H, BL-40F, BL-40RPM and BL-40PSF

**Case Dimensions** See page 20 for details

- Bezel: 96x24 mm (3.78"x0.95")
- Depth behind bezel: 122.2 mm (4.83")
- Plus 12.7 mm (0.5") for Right-angled connector

**Panel Cutout**

- Loose Fitting: 92x22.2 mm (3.62"x0.88")
- Snug Fitting: 91x21.85 mm (3.59"x0.86")

▶ **1/16 DIN**  
**96x24 mm (3.78"x0.95")**  
**Short-Depth**



**Products that use this case:**

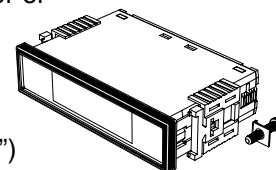
BN-35CL, BN-35I, BN-45I, BN-35, BN-45, BN-35BCD, BN-40BCD and DD-40VHZ

**Case Dimensions** See page 20 for details

- Bezel: 96x24 mm (3.78"x0.95")
- Depth behind bezel: 56.5 mm (2.23")
- Plus 27 mm (1.06") for Push-On connector or plus 17.5 mm (0.69") for Edge connector

**Panel Cutout**

- Loose Fitting: 92x22.2 mm (3.62"x0.88")
- Snug Fitting: 91x21.85 mm (3.59"x0.86")



▶ **1/4 DIN**  
**96x96 mm (3.78"x3.78")**



**Products that use this case:**

VT-9610

**Case Dimensions**

- Bezel: 96x96 mm (3.78"x3.78")
- Depth behind bezel: 80 mm (3.14")

**Panel Cutout**

- Loose Fitting: 92x92 mm (3.63"x3.63")
- Snug Fitting: 91.2x91.2 mm (3.6"x3.6")

▶ **9/64 DIN**  
**72x72 mm (2.84"x2.84")**



**Products that use this case:**

TAC Series

**Case Dimensions**

- Bezel: 72x72 mm (2.84"x2.84")
- Depth behind bezel: 84 mm (3.3")
- Plus 10 mm (0.39") for connector

**Panel Cutout**

- Loose Fitting: 68x68 mm (2.69"x2.69")
- Snug Fitting: 67.5x67.5 mm (2.67"x2.67")

**Meters by the Case shown at Approximately 50% of actual size**

▶ **9/128 DIN**  
**72x36 mm (2.84"x1.42")**



**Products that use this case:**  
TAC, TAT, LT and LT-T Series

**Case Dimensions**

- Bezel: 72x36 mm (2.84"x1.42")
- Depth behind bezel: 101.7 mm (4")
- Plus 15 mm (0.6") for connector

**Panel Cutout**

- Loose Fitting: 68x33 mm (2.68"x1.3")
- Snug Fitting: 67.5x32.3 mm (2.66"x1.27")

▶ **1/16 DIN**  
**48x48 mm (1.89"x1.89")**



**Products that use this case:**  
VT-4810

**Case Dimensions**

- Bezel: 48x48 mm (1.89"x1.89")
- Depth behind bezel: 100 mm (3.95")

**Panel Cutout**

- Loose Fitting: 45.6x45.6 mm (1.8"x1.8")
- Snug Fitting: 45x45 mm (1.77"x1.77")

▶ **1/32 DIN**  
**48x24 mm (1.89"x0.95")**



**Products that use this case:**  
MU-35, MU-35MV and MU-35CL

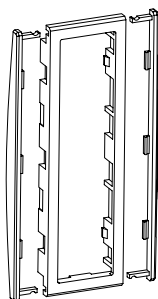
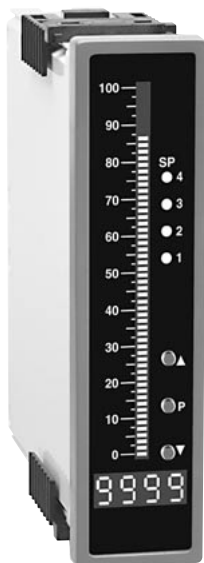
**Case Dimensions** See page 20 for details

- Bezel: 48x24 mm (1.89"x0.95")
- Depth behind bezel: 81 mm (3.2")
- Plus 11.5 mm (0.45") or 16 mm (0.63") for Right-angled connector

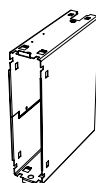
**Panel Cutout**

- Loose Fitting: 45x22.2 mm (1.77"x0.88")
- Snug Fitting: 43x18.2 mm (1.7"x0.72")

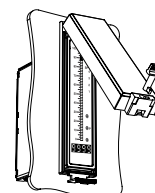
▶ **9/64 DIN**  
**36x144 mm (1.42"x5.69")**



**6" Panel Adapter**  
Part no. OP-PA/144x36  
See page 11 for details



**Metal Surround Case**  
Part no. OP-MTL144x36  
See page 9 for details



**Clear NEMA 4X Cover**  
Part no. OP-N4/144x36  
See page 10 for details

**Case Dimensions** See page 18 for details

- Bezel: 36x144 mm (1.42"x5.69")
- Depth behind bezel: 117.5 mm (4.64")
- Plus 10 mm (0.39") for Right-angled connector, 18.3 mm (0.72") for Straight-thru connector, or 26.5 mm (1.05") for Push-On connector

**Panel Cutout**

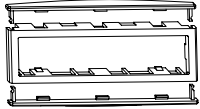
- Loose Fitting: 33x138 mm (1.3"x5.45")
- Snug Fitting: 32.2x135.2 mm (1.27"x5.34")
- Mosaic Fitting: 31x133 mm\* (1.22"x5.25")\*

\* Increase these dimensions by 2 mm (0.08") when the metal surround case is installed.

**Products that use this case:** FL-B101D50E, FI-B101D50T, FX-B101Q, FL-B101Q, FL-B202Q, FL-B101D40, FL-B101D40F, FL-B101D40H and FL-B101D40R

**Meters by the Case shown at Approximately 50% of actual size**

▶ **9/64 DIN**  
**144x36 mm (5.69"x1.42")**



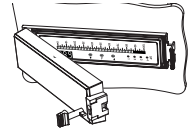
**6" Panel Adapter**  
Part no. OP-PA/144x36  
See page 11 for details

**Case Dimensions** See page 18 for details

- Bezel: 144x36 mm (5.69"x1.42")
- Depth behind bezel: 117.5 mm (4.64")
- Plus 10 mm (0.39") for Right-angled connector, 18.3 mm (0.72") for Straight-thru connector, or 26.5 mm (1.05") for Push-On connector

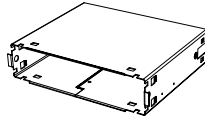
**Panel Cutout**

- Loose Fitting: 138x33 mm (5.45"x1.3")
- Snug Fitting: 135.2x32.2 mm (5.34"x1.27")
- Mosaic Fitting: 133x31 mm\* (5.25"x1.22")\*
- \* Increase these dimensions by 2 mm (0.08") when the metal surround case is installed.



**Products that use this case:**

FX-B101Q, FL-B101Q, FL-B202Q and FL-B101D40, FL-B101D40F, FL-B101D40H and FL-B101D40R with horizontal display option.



**Metal Surround Case**  
Part no. OP-MTL144x36  
See page 9 for details

**Clear NEMA 4X Cover**  
Part no. OP-N4X/144x36  
See page 10 for details

▶ **3/32 DIN**  
**24x144 mm (0.95"x5.69")**



**Products that use this case:** PL-B101D40

**Case Dimensions** See page 19 for details

- Bezel: 24x144 mm (0.95"x5.69")
- Depth behind bezel: 128.5 mm (5.08")
- Plus 14 mm (0.55") for connectors

**Panel Cutout**

- Loose Fitting: 139x22.5 mm (5.48"x0.89")
- Snug Fitting: 138x22.2 mm (5.44"x0.87")

▶ **1/8 DIN**  
**48x96 mm (1.89"x3.78")**



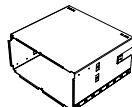
**Products that use this case:**  
DI-50EB51, DI-50EAN6, DI-50TAN6, DI-50TB51, DI-503E, and DI-503T

**Case Dimensions** See page 17 for details

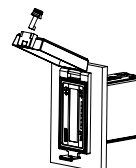
- Bezel: 48x96 mm (1.89"x3.78")
- Depth behind bezel: 117 mm (4.61")
- Plus 11.8 mm (0.47") for Right-angled connector or plus 20 mm (0.79") for Straight-thru connector.

**Panel Cutout**

- Loose Fitting: 45x92 mm (1.77"x3.62")
- Snug Fitting: 43.4x91.6 mm (1.71"x3.6")
- Mosaic Fitting: 40.8x87.4 mm\* (1.61"x3.45")\*
- \* Increase these dimensions by 1.6 mm (0.06") when the metal surround case is installed.



**Metal Surround Case**  
Part no. OP-MTL96X48  
See page 9 for details



**Clear NEMA 4X Cover**  
Part no. OP-N4X/96X48  
See page 10 for details

**Meters by the Case shown at Approximately 50% of actual size**

▶ **1/16 DIN**  
**24x96 mm (0.95"x3.78")**



**Case Dimensions** See page 19 for details

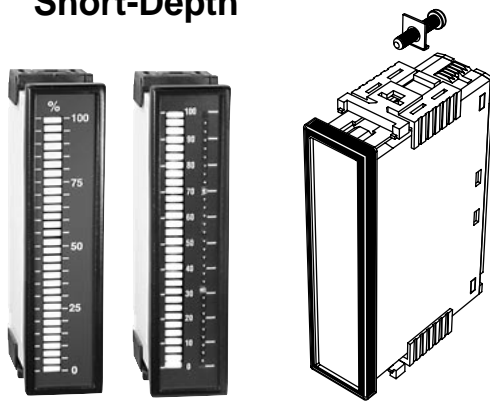
- Bezel: 24x96 mm (0.95"x3.78")
- Depth behind bezel: 122.2 mm (4.83")
- Plus 12.7 mm (0.5") for Right-angled connector

**Panel Cutout**

- Loose Fitting: 22.2x92 mm (0.88"x3.62")
- Snug Fitting: 21.85x91 mm (0.86"x3.59")

Products that use this case: BL-B51D40, BX-B31 and BX-B31 with Relay Output.

▶ **1/16 DIN**  
**24x96 mm (0.95"x3.78")**  
**Short-Depth**



**Case Dimensions** See page 20 for details

**Short Depth**

- Bezel: 24x96 mm (0.95"x3.78")
- Depth behind bezel: 56.5 mm (2.23")
- Plus 27 mm (1.06") for Push-On connector or plus 17.5 mm (0.69") for Edge connector

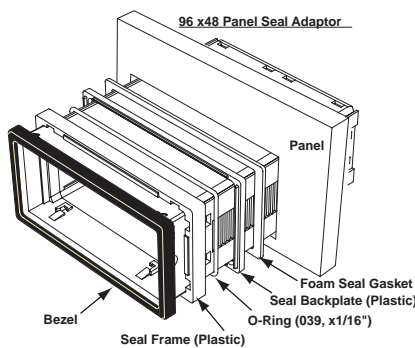
**Panel Cutout**

- Loose Fitting: 22.2x92 mm (0.88"x3.62")
- Snug Fitting: 21.85x91 mm (0.86"x3.59")

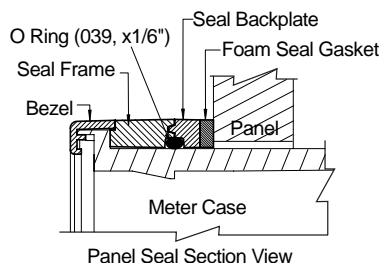
Products that use this short depth case: AM-30, AM-30R1 and AM-30R2

▶ **NEMA-4X Panel to Case Seal Adapters**

P.N.:OP-PSA/96X48

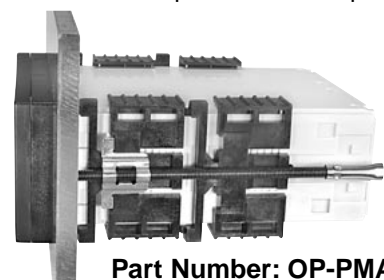


**The Panel Seal Kit consists of:**  
An Interlocking Seal Frame and Seal Backplate that hold an O-Ring in a water tight seal between the meter and the seal frames. An adhesive backed Foam Seal Gasket provides a seal between the Seal Backplate and the panel surface.



**High Strength Panel Mounting Adapter Kit**

Enables 96x48 cases to be mounted in a 87.4x40.8mm (3.45"x1.61") panel cutout for extra high vibration or impact resistance. Multiple sets of adapters can be installed to extend the bezel outward from the panel which also reduces the depth behind the panel.

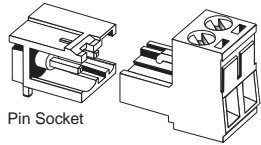


**Part Number: OP-PMA96X48**

**Connectors for DIN Cases**

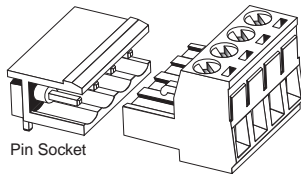
**Input Power Screw Terminal Plug**

Part Number:  
93-PLUG2P-DP



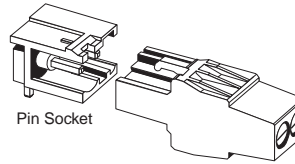
**Right-angled Screw Terminal Plug**

Part Numbers:  
93-PLUG2P-DR.....2 pins  
93-PLUG3P-DR.....3 pins  
93-PLUG4P-DR.....4 pins  
93-PLUG5P-DR.....5 pins  
93-PLUG6P-DR.....6 pins



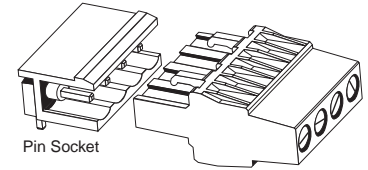
**Straight-thru Input Power Screw Terminal Plug**

Part Number:  
93-PLUG2P-SP



**Straight-thru Screw Terminal Plug**

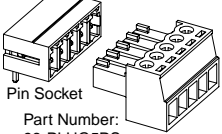
Part Numbers:  
93-PLUG2P-DS.....2 pins  
93-PLUG3P-DS.....3 pins  
93-PLUG4P-DS.....4 pins



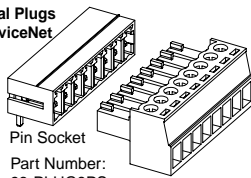
**Plug-in Screw Terminal Connectors supplied Free with the products :**

GI series, DI, FI series, DL, BL, FL series, BX,DX,FX series, SD series,DU series, MU series and PL-B101D40

**3.5mm Pitch Screw Terminal Plugs for Smart Modules and DeviceNet**



Part Number:  
93-PLUG5PS



Part Number:  
93-PLUG8PS

Part Numbers:  
93-PLUG2PS.....2 pins  
93-PLUG3PS.....3 pins  
93-PLUG5PS.....5 pins  
93-PLUG8PS.....8 pins

**Dual row, 18 pin solder type PCB Edge Connector**

**Part No: CN-L18**



**Optional Connector for Products:**

DX-35, DX-45 and DU series External Decimal Point Selection board

**4" (101.2mm) LED Large Remote Display**

**Part No: OP-WI/RD5R and OP-WI/RD6R**

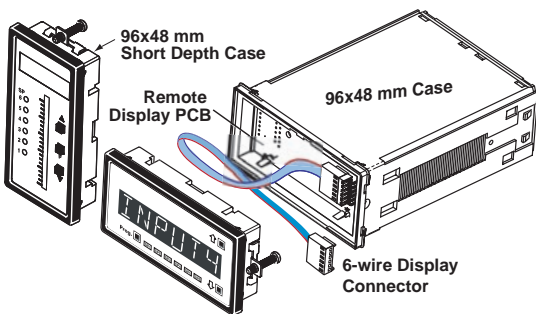


648x144mm 4"(101.2mm) Red LED, 5 or 6 digit.  
Driven by RS485 from any Tiger 320

**Cable & Connector Shipped Free with all Tiger 320 meters with Optional 4" Large Remote Display**

**Short Depth Separated Display**

**Part No: OP-DI/RDISP**



**Cable & Connector Shipped Free with all DI meters with Optional Short Depth Separated Remote Display**

**Serial Communication Cables & Connectors**

**Push-On Screw Terminal Block Connector**

**Part No: CN-PUSH/FI**



**Optional Connector for FI-B101D50E and FI-B101D50T**

Optional Serial Communication Cables and Connector **for Products:** DI-Series, FI-Series & GI-Series

RJ6 phone plug to DB9 female plug plus 6 ft. cable for RS232 or RS485



**Part No: OM-CABLE232  
OM-CABLE485**

6 ft. Cable, DB9F to DB25M

RJ6F to DB9F Converter

6 ft. Cable, 6 Pin to 6 Pin RJ6 Plug



**CN-DB/9**



**80-9F/25M-6 80-MOD/PLG**

RS485 to RS232 Converter w/ CN-DB9F/25M & CN-DB9M/25F

**Part No: CV-485/232**



Adapter, Connectors and Terminator



**80-RJ/TERM**



**CN-6P6C/T**

**CN-DB9M/25F CN-DB9F/25M**

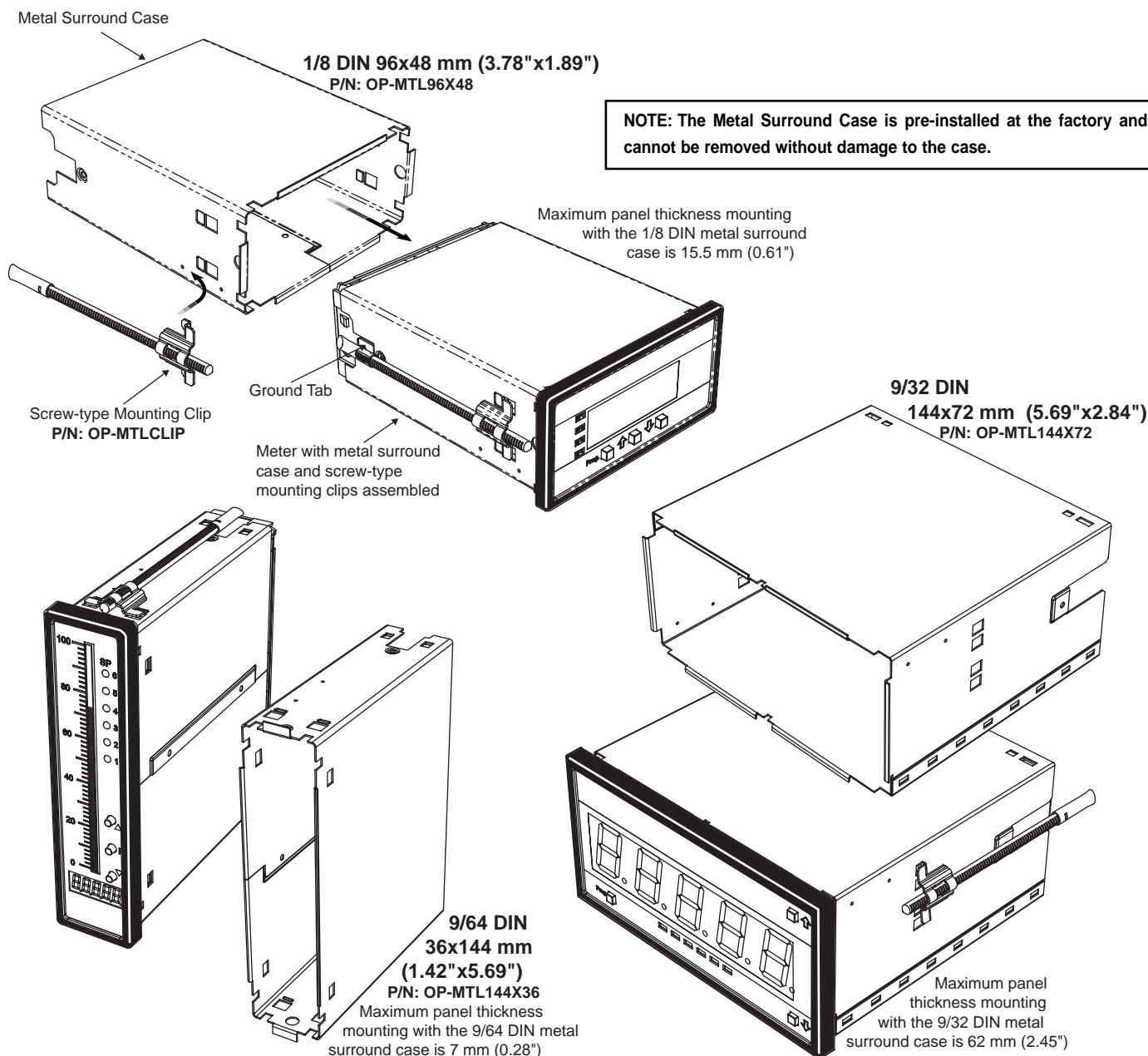


## Metal Surround Cases

Texmate's meter cases are made from approved, self extinguishing, high strength, injection molded polycarbonate. For critical panel applications a metal surround case can be ordered which enhances the meter's fire resistance capabilities. Instrument panel fires are typically exacerbated by flaming debris landing on a self extinguishing plastic case igniting it and maintaining combustion of the products housed above. Texmate's metal surround case option effectively cancels this chain reaction. The metal surround case can also help to provide shielding against electromagnetic interference (EMI) from entering or exiting an enclosure in which the meter is mounted.

The metal case slides over the polycarbonate case and is held firmly in place by spring-type non-return clips. Once the metal case has been fitted to the polycarbonate case it cannot be removed.

With the metal case in place, the meter's plastic ratchet-type mounting clips can no longer be used. Instead a pair of DIN screw-type mounting clips are inserted into holes on the side of the metal case and used to mount the meter in the panel. A ground tab on the metal case is riveted through the case wall for external grounding.



**Clear Lockable Polycarbonate NEMA 4X Splash Proof Covers**

**Clear NEMA 4X Covers fit any 1/8 DIN or 9/64 DIN meter.**

This rugged, impact resistant, clear lens cover is designed to be dust and water proof to NEMA 4 and IP65 standards. The lens cover consists of a base and cover with a cam hinge and key-lock locking device.

An O-ring, or neoprene gasket forms a seal between the base and the panel. When opened, a cam hinge prevents the cover from closing until pushed closed.

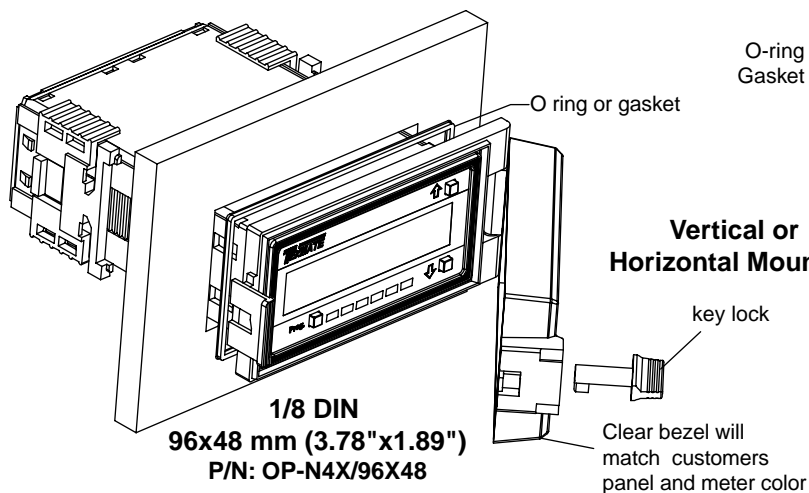
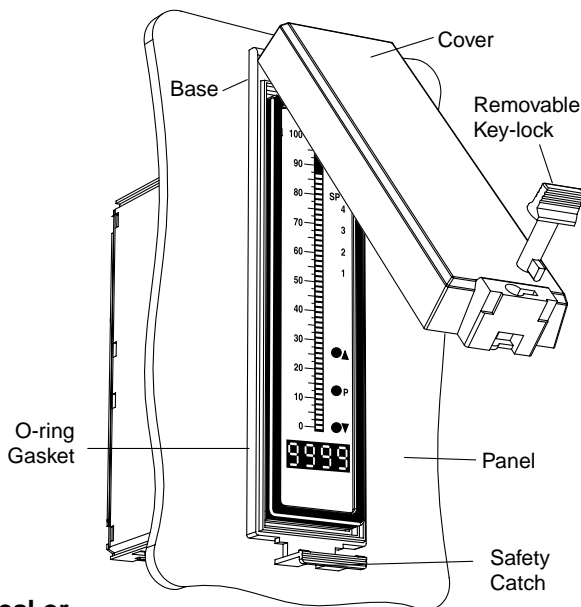
The cover has a tapered recess that, when closed, forms a capillary seal with a tapered ridge on the base. A capillary seal is created when capillary action causes a small amount of water to be drawn in between the two surfaces producing a water tight film around the sealing area.

For those applications, such as food processing, where fluid residues are unacceptable, apply a light coating of clear silicone grease, or other approved sealant to the mating groove to prevent any ingress of liquid and enable the cover to withstand steam cleaning.

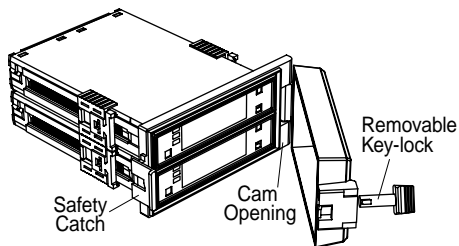
Turning the key-lock tightens the cover to the base, ensuring seal integrity. A safety catch keeps the cover closed even when the key is turned to the open position and removed. The keyhole can also be used to attach a safety seal clip, preventing unauthorized opening.



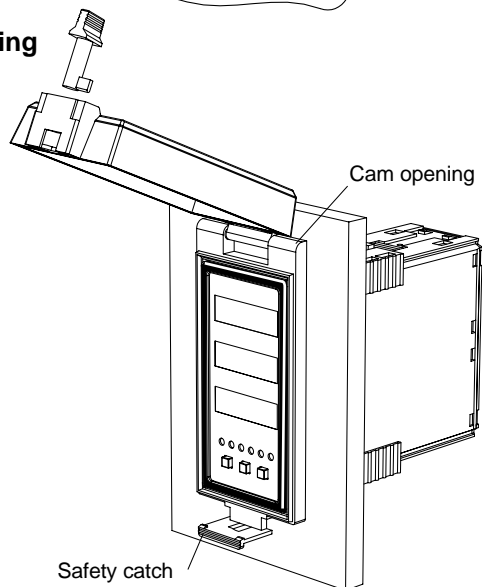
**9/64 DIN**  
**36x144 mm (1.42"x5.69")**  
**P/N: OP-N4/144X36**



**1/8 DIN**  
**96x48 mm (3.78"x1.89")**  
**P/N: OP-N4X/96X48**



**Two 1/16 DIN, 96x24 mm (3.78"x0.95") or**  
**Four 1/32 DIN, 48x24 mm (1.89"x0.95")**  
**case can also be mounted.**

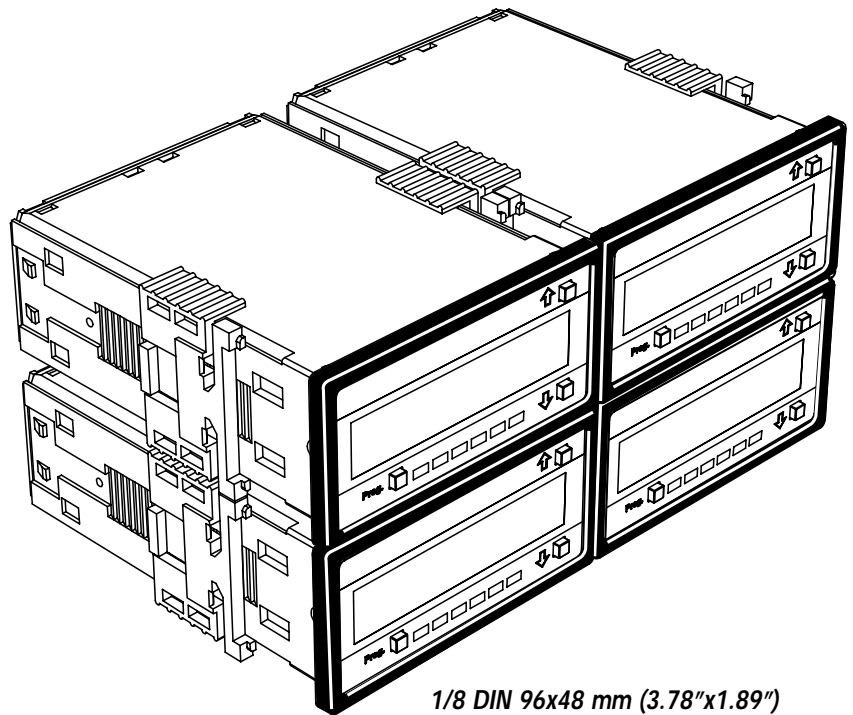
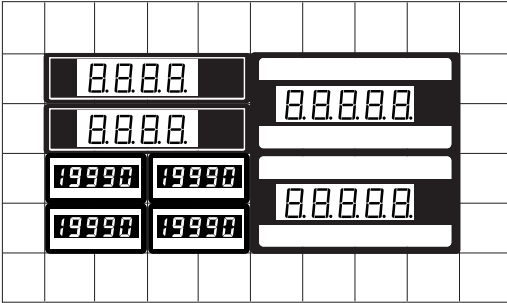


**Vertical or Horizontal Mounting**

**Stackable Cases**

**Mosaic and Stacked Array**

Texmate's International DIN cases are particularly suited for mounting individually or in stacked arrays in mosaic panels or thick insulative panels.



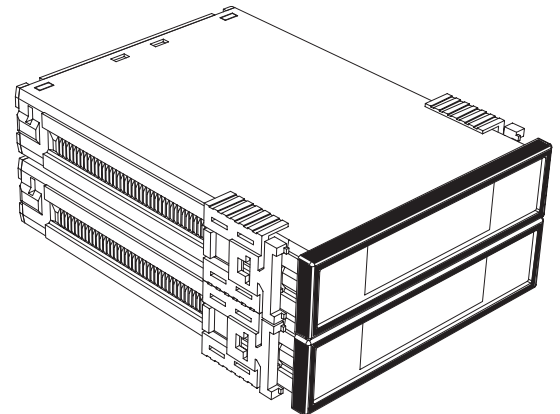
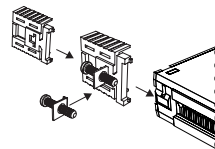
1/8 DIN 96x48 mm (3.78"x1.89")

**1/8 DIN 96x48 mm (3.78"x1.89")  
Stack Mounting Case**

96x48 mm case can mount in thin panels or panels up to 50 mm (2.0") thick. They can also stack mount, 2 up in existing cutouts for 1/4 DIN (96x96 mm) or 4 up in 1/2 DIN (96x192 mm).

For additional strength, extra Mounting Slide Clips can be ordered & doubled up one behind the other. (P/N: 75-DMTCLIPF).

When extra panel mounting tightness is required, optional Screw Mounting Clips are included which fit on the Mounting Slide Clips. (P/N: OP-MTLCLIP).



1/16 DIN 96x24 mm (3.78"x0.95)

**1/16 DIN 96x24 mm (3.78"x0.95")  
Stack Mounting Case**

Texmate's 96x24 mm case can mount in panels up to 75 mm (2.94") thick. They can also stack mount, 2 up in existing cut-outs for 1/8 DIN (96x48 mm) or 4 up in 1/4 DIN (96x96 mm).

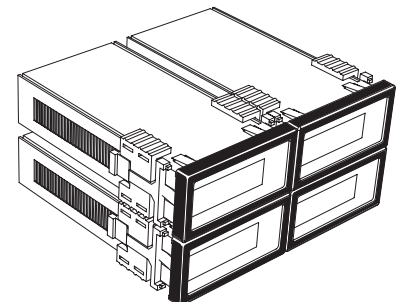
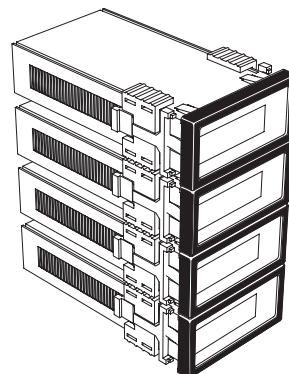
For additional strength, extra Mounting Slide Clips can be ordered & doubled up one behind the other. (P/N: 75-DMT96X24).

When extra panel mounting tightness is required, optional Screw Mounting Clips are included which fit on the Mounting Slide Clips. (P/N: OP-MTLCLIP).

**1/32 DIN 48x24 mm (1.89"x0.95")  
Stack Mounting Case**

Texmate's 48x24 mm case mount in panels or insulative panels up to 47.6 mm (1.88") thick. They can also stack mount, 2 up in existing cut-outs for 1/6 DIN (96x24 mm) or 4 up in 1/8 DIN (96x48 mm).

For additional strength, extra Mounting Slide Clips can be ordered & doubled up one behind the other. (P/N: 75-MUMTBRKT).



1/32 DIN 48x24 mm (1.89"x0.95")

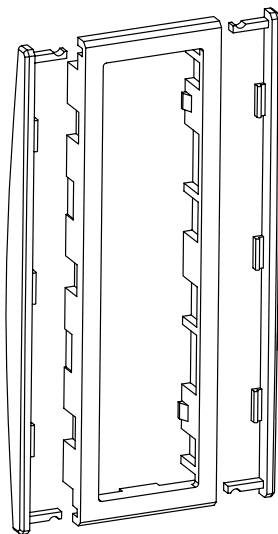
**Panel Adapter**

**Fits 6" Edgewise Pointer Meter Cut-Outs**

The adapter snaps on the 36x144 mm (1.42"x5.69") case and enables single unit or stack mounting in an existing 6" edgewise pointer meter cut-out.

When extra panel mounting tightness is required, order the optional screw mount clip. P/N (OPMTCLIP)

Adapter uses wide jaw mounting slide clips. P/N (75-DMC14436B)

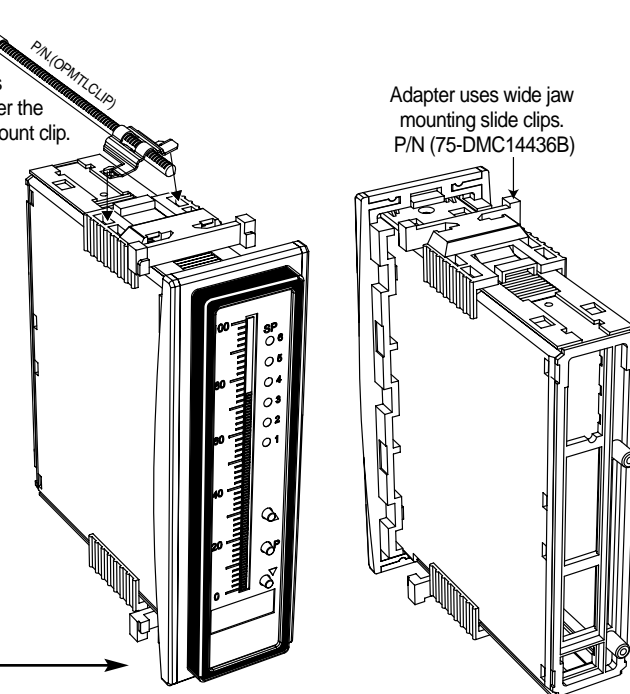


**Fits existing cut-outs for 6" (150 mm) edgewise switchboard pointer meters from:**

- Crompton
- G.E.
- Westinghouse
- Yokogawa
- and most others

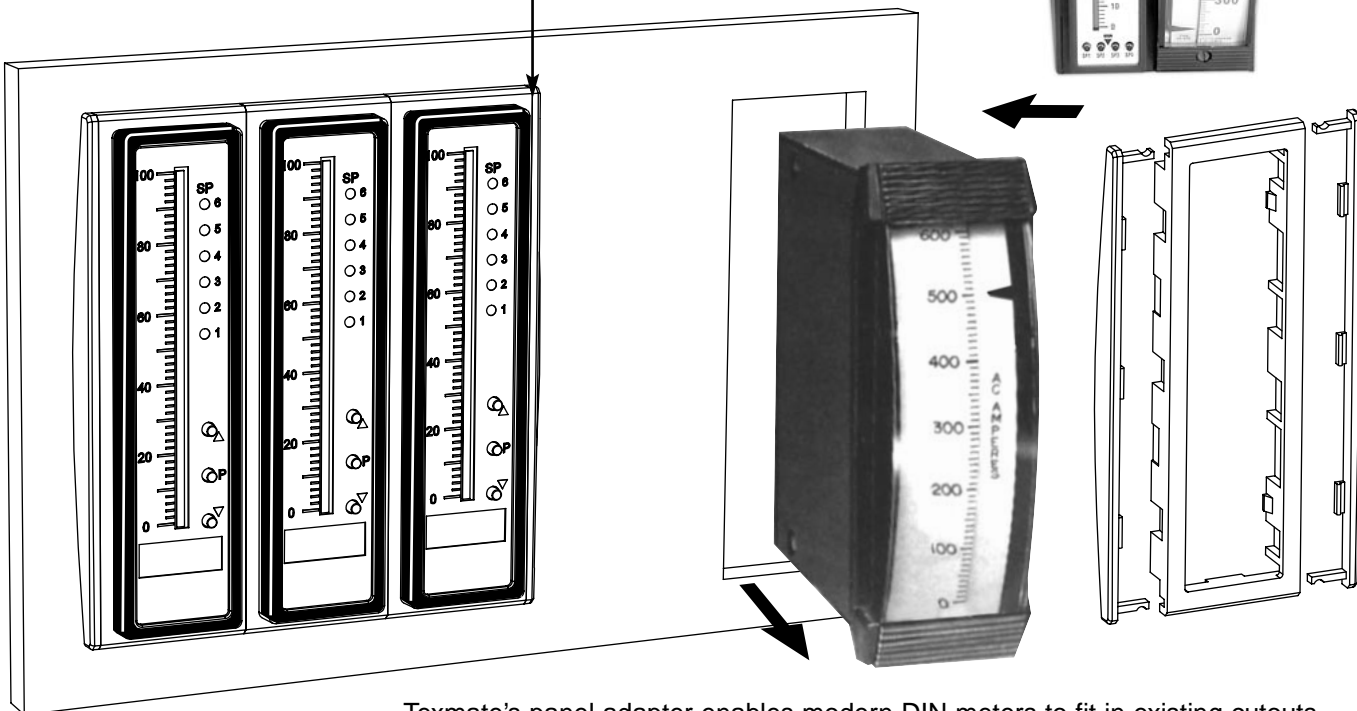
Width: 43.7 mm to 48 mm (1.72" to 1.89")  
 Height: 143.4 mm to 149 mm (5.62" to 5.88")

Two bezel trim strips are provided with each adapter to finish off the edge of each individually mounted meter or the edge of each stack mounted array.



**Panel Adapter**  
**Part #: OP-PA/144X36**

FL-B101Q bargraphs are available with the bar either to the left or right side to match mechanical meters that have left or right sided pointers.



Texmate's panel adapter enables modern DIN meters to fit in existing cutouts individually or stacked when replacing old 6" edgewise mechanical pointer meters.

## Face Plates

**Texmate Produces Thousands of Custom OEM Face Plates**  
 Have Texmate Design and Build a Custom Face Plate to Suit your Next project!



- Custom face plates have a non-recurring artwork charge. A serial number is then assigned to each artwork, to facilitate re-ordering.
- Small Run or One-Off custom face plates incur an installation charge, and are generally printed on a special plastic film, which is then laminated to custom faceplate blanks as required.
- Large Run (250 pieces min): custom face plates are production silk screened, issued a part number, and held in stock for free installation as required by customer orders.
- OEMs may also order Custom Meter Labels, Box Labels Custom Data Sheets and Instruction Manuals.

- Large Run (250 pieces min): custom face plates are production silk screened, issued a part number, and held in stock for free installation as required by customer orders.

OEMs may also order Custom Meter Labels, Box Labels Custom Data Sheets and Instruction Manuals.

### Part Number Description

#### Small Run Custom Face plates for Meters

- ART-FS-S/D . . . . .Custom Faceplate, No Min. - Artwork & set-up
  - ART-FS-S/D/C . . . . .Custom Faceplate, No Min. - Artwork & set-up + Logo
  - ART-FS-001 . . . . .Produce & Install Custom Faceplate per meter - 1 color
  - ART-FS-002 . . . . .Produce & Install Custom Faceplate per meter - 2 color
  - ART-FS-003 . . . . .Produce & Install Custom Faceplate per meter - 3 color
- Specify artwork serial number when ordering face plate installation. ie: AFS-XXXXX

#### Large Run Custom Face plates for Meters

- ART-FL-S/D/C . . . . .Custom Faceplate, 250 Min. - Artwork & set-up + Logo
  - ART-FL-001 . . . . .Custom Faceplate, 250 Min. - 1 color
  - ART-FL-002 . . . . .Custom Faceplate, 250 Min. - 2 color
  - ART-FL-003 . . . . .Custom Faceplate, 250 Min. - 3 color
- When ordering Large Run Face plates to be installed, please specify the custom part number issued for each different artwork. ie: 77-DLXXXXX

## Face Plate Descriptors

Volts AC	Volts DC	Hz	RPM
Amps AC	Amps DC	DCµA	
Milliamps AC	Milliamps DC	°C	
Millivolts AC	Millivolts DC	°F	
Kilowatts	Watts	%	pH
kg/cm <sup>2</sup>	Kilovolts AC	psi	
kWH	kVAR	Power Factor	
k	CosØ	M/min	m <sup>3</sup> /hr

Each UM meter is supplied with a white printed clear adhesive label containing various popular descriptors.

To Customize the face plate, choose the desire descriptor, peel off the adhesive backing and align the descriptor in the lower right corner of the standard face plate.

AC	Ω	kV	kVAR	m <sup>3</sup> /hr	Hz	RPM
V	mV	min	PF	°F	°C	CosØ
DC	x10kN	µA	PSIG	mS	kg/cm <sup>2</sup>	psi
kW	W	kWH	pH	%	K	kPa
A	mbar	mA	MW	kA	RPS	MWH
mWs	µm	kW/s	I	l/sec	ml	cm
ORP	mm/s	1/min	mm	kg/sec	lbs	kg/hr
FT	bars	min <sup>3</sup>	m/min	Mvars	µV	dB

Each DU-meter is supplied with a white printed clear adhesive label containing various popular descriptors.

To customize the faceplate, Choose the descriptor desired, peel off the adhesive backing and align the descriptor in the center right of the faceplate.

## Standard Descriptors Sheets (white or black lettering for do-it-yourself customizing)

Standard clear self-adhesive descriptors sheets with white or black lettering for various meter models can be ordered

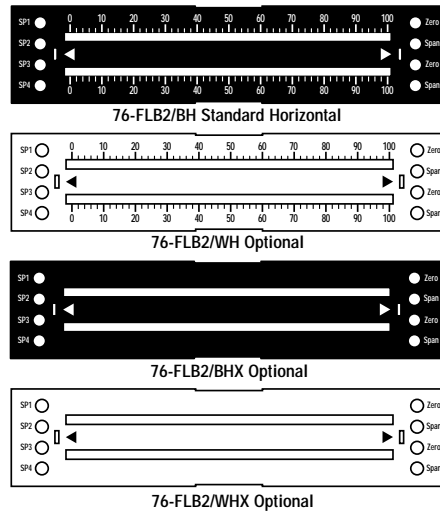
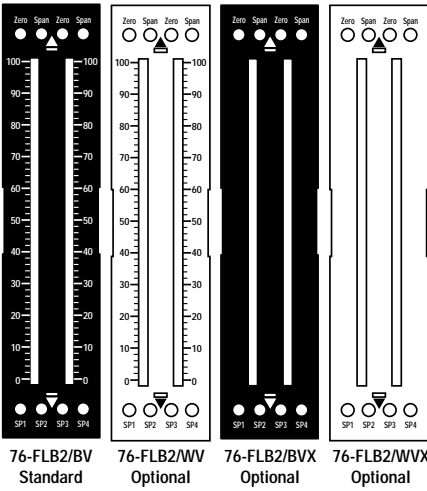
A	AC	E <sub>b</sub>	Btu	bars	CFH	BHP	Low	inch/	CosØ	AMPS	BBL/HR
J	Ah	kJ	bar	cal <sub>15</sub>	CFM	IPS	High	Kcal	FEET	GALS	BBL/MIN
K	cd	kV	cal	cm <sup>-1</sup>	CFS	IPH	MGD	kg/hr	Hold	INHg	DEG/MIN
l	dB	kW	cm	cm <sup>2</sup>	COS	Kg/h	Mld	kVAR	Km <sup>3</sup> /h	m/min	FT H <sub>2</sub> O
m	DC	ml	FT <sup>3</sup>	cm <sup>3</sup>	CPH	KPH	MPH	kW/s	MWH	m/sec	In. H <sub>2</sub> O
V	FT	NL	lbs	dm <sup>3</sup>	CPM	KPM	MPS	RPM	mWs	Nm <sup>3</sup> /h	Kg/cm <sup>2</sup>
α	HP	Pa	IN <sup>2</sup>	H <sub>2</sub> O	CPS	KPS	N/m <sup>2</sup>	MPM	mbar	Ohms	KNOTS
β	Hz	PF	kg/	kPa	DCA	kWH	ORP	M <sup>3</sup> /hr	ml/m <sup>3</sup>	PSIA	kg/sec
φ	Kg	pH	mA	l/s	FPH	lb/ft	PPH	Upm	mm/s	PSID	Mvars
Ω	kA	sin	mS	l/h	FPM	lb/in	PPM	VAC	Peak	PSIG	mmH <sub>2</sub> O
Δ	L <sup>3</sup>	t/h	mV	l/m	FPS	LPH	PPS	Vars	PORT	PSIR	mmHg
μ	m <sup>3</sup>	yd <sup>3</sup>	Nm	lb/h	GAL	LPM	RPH	VDC	STRB	SCFM	VOLTS
∅	W	µA	oz	MW	GMP	LPS	RPS	w/m <sup>2</sup>	TARE	TORR	%LOAD
γ	°C	µS	RH	min	GPH	m <sup>3</sup> /h	phi	YPM	TONS	U/min	%OPEN
%	°F	µV	1/h	mm	GPM	m <sup>3</sup> /m	psi	YPS	X100	x10kN	→
∠	°K	µΩ	µm	Sm <sup>3</sup>	GPS	m <sup>3</sup> /S	X10	µPa	%KW	X1000	←

AHEAD	AC Vars	AC Amperes	AC Kilowatts	AIR PRESSURE	AC Milliampers
ALARM	AC Volts	AC Kilovars	AC Millivolts	AC Kiloampers	Battery Voltage
BOILER	AC Watts	AC Kilovolts	BPH X 1000	AC Megavars	Backup Voltage
Cycles	BEARING	AIR FLOW	CFH X 1000	AC Megawatts	Displacement
Depth	COOLANT	BBLs/HOUR	DC Amperes	AC Watts/Vars	DC Amps to Ground
HEATER	DC Volts	BFM AMPS	DC Kilovolts	CENTIMETERS	DC Microampers
Height	DC Watts	BHP x 100	DC Kilowatts	DC Kiloampers	DC Milliampers
Hertz	Degrees	BLOWER	DC Millivolts	FD FAN AMPS	GALLONS / MINUTE
Hours	ENGINE	DC Current	FPM X 100	IN. H <sub>2</sub> O PRESS	GENERATOR AMPS
INCHES	EXHAUST	Dew Point	FPM X 1000	LBS/MINUTE	LBS PER GALLON
Input	Humidity	Degrees C	GPM X 1000	LEVEL INCHES	LOAD LIMIT PERCENT
PORT	METERS	Degrees F	HORSEPOWER	LEVEL GALLONS	MANIFOLD PRESSURE
PUMP	Output	Degrees K	INCHES WC	LEVEL PERCENT	MILL LOAD AMPS
Preset	Percent	Degrees R	INCHES H <sub>2</sub> O	MILLIMETERS	MOTOR LOAD AMPS
Reset	Program	FPM X 10	KILOWATTS	Percent Current	Percent Horsepower
SHAFT	Pounds	Frequency	LBS X 1000	Percent Load	OXYGEN PERCENT
SPEED	Pulses	FUEL FLOW	MEGAWATTS	PERCENT OPEN	TEMPERATURE °C
Setup	RUDDER	GALLONS	Power Factor	RATE OF TURN	TEMPERATURE °F
TABLE	SPINDLE	IN. WATER	Phase Angle	STEAM TEMP °F	Motor Load Percent
Total	SQ ROOT	LEVEL FT.	RPM X 100	TONS / HOUR	LEFT RIGHT
VALVE	Set Point	LBS X 100	STARBOARD	OIL PRESSURE	FRONT REAR
Valley	THRUST	POSITION	TANK LEVEL	WATER LEVEL	FORWARD REVERSE
WATTS	TURBINE	TONS X 10	VAC MM HG	1000 LBS/HOUR	TOP BOTTOM (L119)

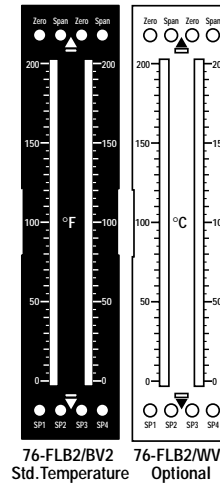
## Samples of Standard Face Plates and Scales

Unless otherwise specified, a standard 0-100 scaled face plate with white letters on a black background is provided with each meter. In those cases where a temperature module is ordered, a 0 – 200°F (white on black) face plate will be provided as standard.

Alternatively a face plate with black letters on a white background or a blank, white or black face plate, may be ordered as a no charge substitute. For temperature applications there are also several different optional face plates that may be ordered as a no charge substitute. (See below). Customized face plates with special scaling can also be ordered (see following page).



Face plates supplied with temperature modules.

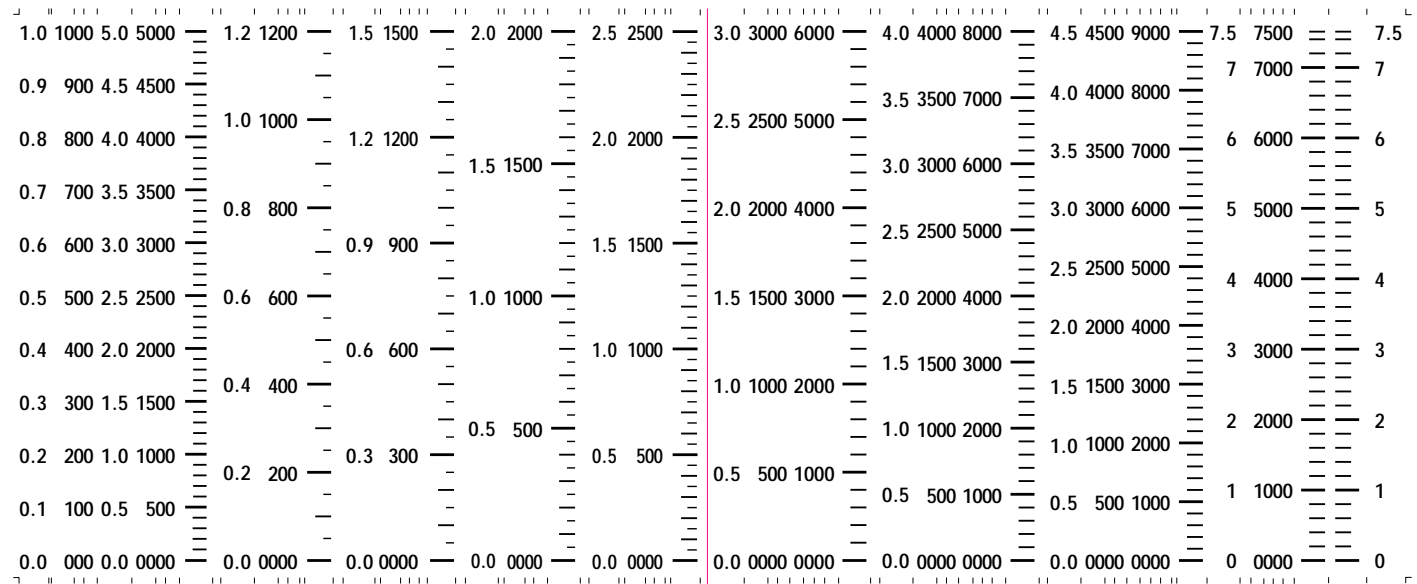


Other optional face plates for temperature are also available in the following ranges:  
 0 to 200  
 0 to 1000  
 -200 to +200  
 (Zero Center Mode)

When ordering, specify white letters on a black background or black letters on a white background. Horizontal or vertical format and °F or °C caption.

## Standard Scales and Caption Sheets (white or black lettering for do-it-yourself customizing)

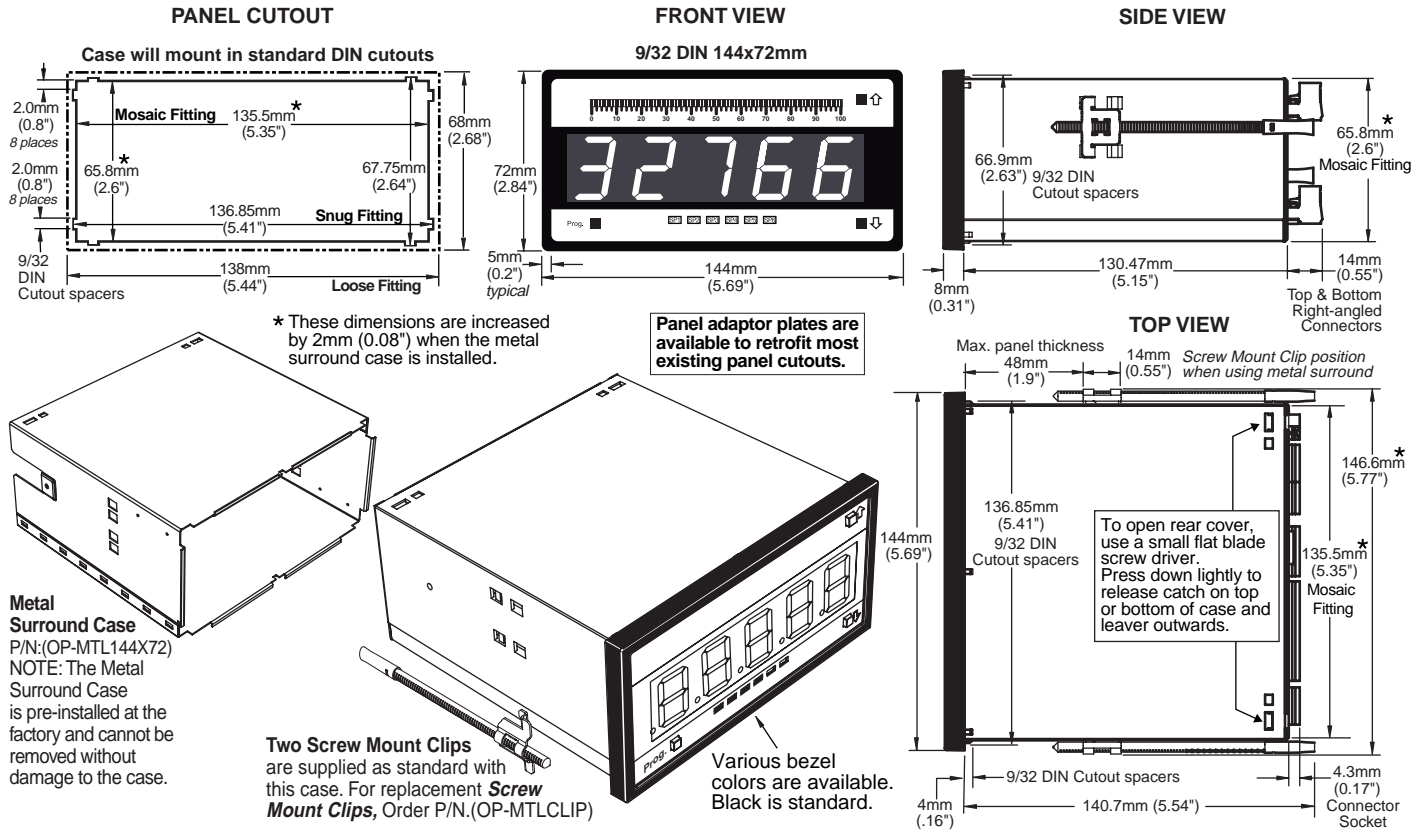
Clear self-adhesive caption sheets with white or black lettering are provided for each meter shipped with a standard or optional faceplate.



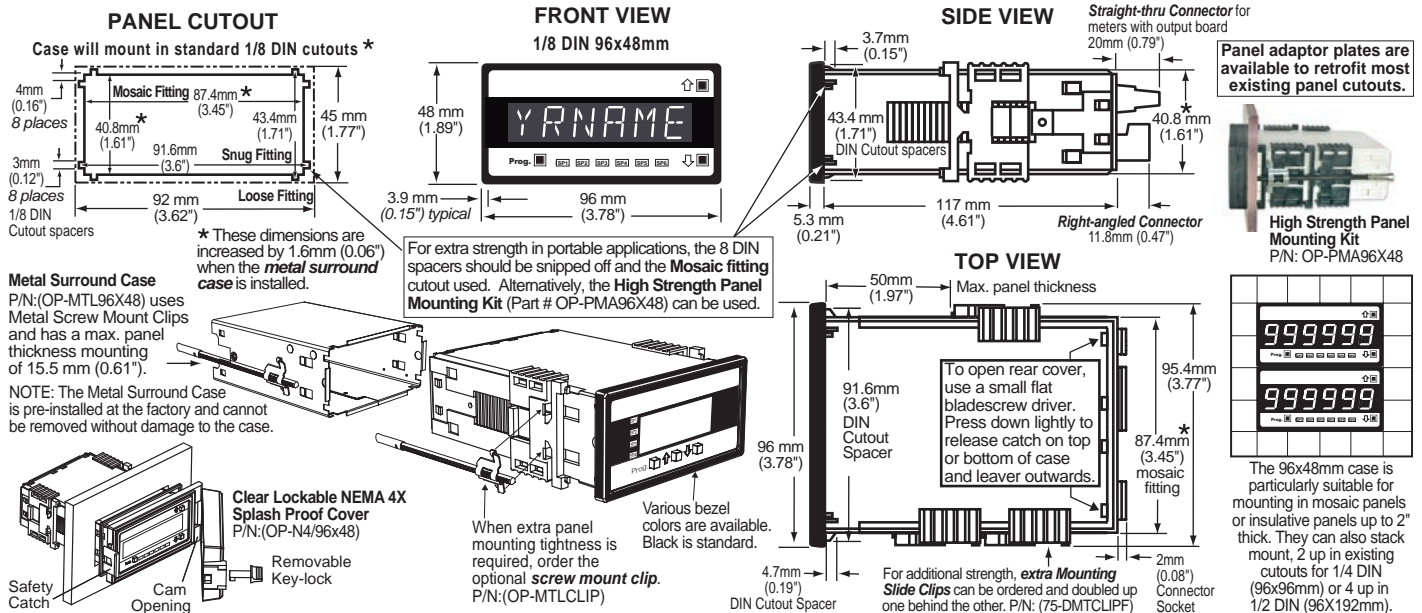
A	AC	E <sub>b</sub>	Btu	bars	CFH	BHP	Low	inch/	CosØ	AMPS	BBL/HR	AHEAD	AC Vars	AC Amperes	AC Kilowatts	AIR PRESSURE	AC Milliampers
J	Ah	KJ	bar	cal <sub>15</sub>	CFM	IPS	High	Kcal	FEET	GALS	BBL/MIN	ALARM	AC Volts	AC Kilovars	AC Millivolts	AC Kiloampers	Battery Voltage
K	cd	kV	cal	cm <sup>-1</sup>	CFS	IPH	MGD	kg/hr	Hold	INHg	DEG/MIN	BOILER	AC Watts	AC Kilovolts	BPH X 1000	AC Megavars	Backup Voltage
l	dB	KW	cm	cm <sup>2</sup>	COS	Kg/h	Mld	kVAR	Km <sup>3</sup> /h	m/min	FT H <sub>2</sub> O	Cycles	BEARING	AIR FLOW	CFH x 1000	AC Megawatts	Displacement
m	DC	ml	FT <sup>3</sup>	cm <sup>3</sup>	CPH	KPH	MPH	kW/s	MWH	m/sec	In. H <sub>2</sub> O	Depth	COOLANT	BBLs/HOUR	DC Amperes	AC Watts/Vars	DC Amps to Ground
V	FT	NL	lbs	dm <sup>3</sup>	CPM	KPM	MPS	RPM	mWs	Nm <sup>3</sup> /h	Kg/cm <sup>2</sup>	HEATER	DC Volts	BFM AMPS	DC Kilovolts	CENTIMETERS	DC Microampers
α	HP	Pa	IN <sup>2</sup>	H <sub>2</sub> O	CPS	KPS	N/m <sup>2</sup>	MPM	mbar	Ohms	KNOTS	Height	DC Watts	BHP x 100	DC Kilowatts	DC Kiloampers	DC Milliampers
β	Hz	PF	kg/	kPa	DCA	kWH	ORP	M <sup>3</sup> /hr	ml/m <sup>3</sup>	PSIA	kg/sec	Hertz	Degrees	BLOWER	DC Millivolts	FD FAN AMPS	GALLONS / MINUTE
φ	Kg	pH	mA	Vs	FPH	lb/ft	PPH	Upm	mm/s	PSID	Mvars	Hours	ENGINE	DC Current	FPM X 100	IN. H <sub>2</sub> O PRESS	GENERATOR AMPS
Ω	kA	sin	mS	V/h	FPM	lb/in	PPM	VAC	Peak	PSIG	mmH <sub>2</sub> O	INCHES	EXHAUST	Dew Point	FPM X 1000	LBS/MINUTE	LBS PER GALLON
Δ	L <sup>3</sup>	t/h	mV	V/m	FPS	LPH	PPS	Vars	PORT	PSIR	mmHg	Input	Humidity	Degrees C	GPM X 1000	LEVEL INCHES	LOAD LIMIT PERCENT
μ	m <sup>3</sup>	yd <sup>3</sup>	Nm	lb/h	GAL	LPM	RPH	VDC	STRB	SCFM	VOLTS	PORT	METERS	Degrees F	HORSEPOWER	LEVEL GALLONS	MANIFOLD PRESSURE
∅	Kg	pH	mA	Vs	FPH	lb/ft	PPH	Upm	mm/s	PSID	Mvars	PUMP	Output	Degrees K	INCHES WC	LEVEL PERCENT	MILL LOAD AMPS
Ω	kA	sin	mS	V/h	FPM	lb/in	PPM	VAC	Peak	PSIG	mmH <sub>2</sub> O	Preset	Percent	Degrees R	INCHES H <sub>2</sub> O	MILLIMETERS	MOTOR LOAD AMPS
Δ	L <sup>3</sup>	t/h	mV	V/m	FPS	LPH	PPS	Vars	PORT	PSIR	mmHg	Reset	Program	FPM X 10	KILOWATTS	Percent Current	Percent Horsepower
μ	m <sup>3</sup>	yd <sup>3</sup>	Nm	lb/h	GAL	LPM	RPH	VDC	STRB	SCFM	VOLTS	SHAFT	Pounds	Frequency	LBS X 1000	Percent Load	OXYGEN PERCENT
∅	Kg	pH	mA	Vs	FPH	lb/ft	PPH	Upm	mm/s	PSID	Mvars	SPEED	Pulses	FUEL FLOW	MEGAWATTS	PERCENT OPEN	TEMPERATURE °C
Ω	kA	sin	mS	V/h	FPM	lb/in	PPM	VAC	Peak	PSIG	mmH <sub>2</sub> O	Setup	RUDDER	GALLONS	Power Factor	RATE OF TURN	TEMPERATURE °F
Δ	L <sup>3</sup>	t/h	mV	V/m	FPS	LPH	PPS	Vars	PORT	PSIR	mmHg	TABLE	SPINDLE	IN. WATER	Phase Angle	STEAM TEMP °F	Motor Load Percent
μ	m <sup>3</sup>	yd <sup>3</sup>	Nm	lb/h	GAL	LPM	RPH	VDC	STRB	SCFM	VOLTS	Total	SQ ROOT	LEVEL FT.	RPM X 100	TONS / HOUR	LEFT RIGHT
∅	Kg	pH	mA	Vs	FPH	lb/ft	PPH	Upm	mm/s	PSID	Mvars	VALVE	Set Point	LBS X 100	STARBOARD	OIL PRESSURE	FRONT REAR
Ω	kA	sin	mS	V/h	FPM	lb/in	PPM	VAC	Peak	PSIG	mmH <sub>2</sub> O	Valley	THRUST	POSITION	TANK LEVEL	WATER LEVEL	FORWARD REVERSE
Δ	L <sup>3</sup>	t/h	mV	V/m	FPS	LPH	PPS	Vars	PORT	PSIR	mmHg	WATTS	TURBINE	TONS X 10	VAC MM HG	1000 LBS/HOUR	TOP BOTTOM (L119)



**9/32 DIN 144x72 mm (5.69"x2.84") Case Dimensions and Panel Cutouts**



**1/8 DIN 96x48 mm (3.78"x1.89") Case Dimensions and Panel Cutouts**

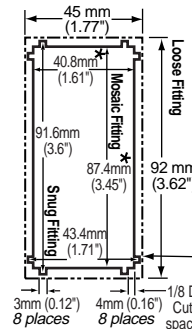




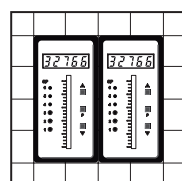
## 1/8 DIN 48x96 mm (1.89"x3.78") Case Dimensions and Panel Cutouts

### PANEL CUTOUT

Case will mount in standard 1/8 DIN cutouts

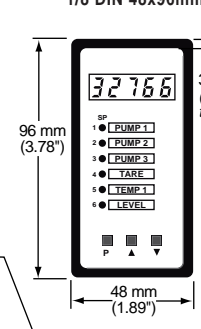


\*These dimensions are increased by 1.6mm (0.06") when the metal surround case is installed.



### FRONT VIEW

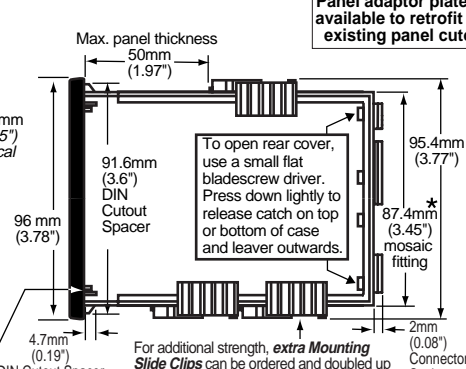
1/8 DIN 48x96mm



For extra strength in portable applications, the 8 DIN spacers, the 8 DIN spacers should be snapped off and the Mosaic fitting cutout used. Alternatively, the High Strength Panel Mounting Kit (Part # OP-PMA96X48) can be used.

The 96x48mm case is particularly suitable for mounting in mosaic panels or insulative panels up to 2" thick. They can also stack mount, 2 up in existing cutouts for 1/4 DIN (96x96mm) or 4 up in 1/2 DIN (96x192mm).

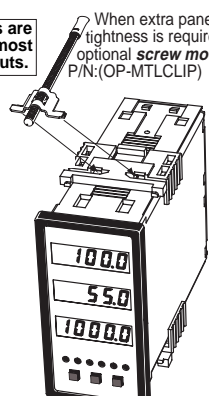
### SIDE VIEW



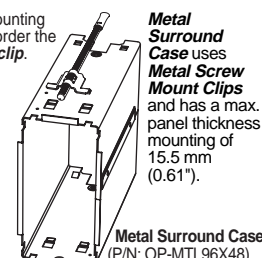
Panel adaptor plates are available to retrofit most existing panel cutouts.

To open rear cover, use a small flat bladescrew driver. Press down lightly to release catch on top or bottom of case and lever outwards.

For additional strength, extra Mounting Side Clips can be ordered and doubled up one behind the other. P/N: (75-DMTCLIPF)



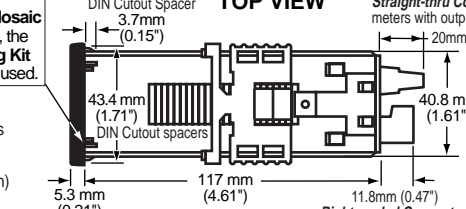
When extra panel mounting tightness is required, order the optional screw mount clip. P/N:(OP-MTLCLIP)



Metal Surround Case uses Metal Screw Mount Clips and has a max. panel thickness mounting of 15.5 mm (0.61").  
Metal Surround Case (P/N: OP-MTL96X48)

NOTE: The Metal Surround Case is pre-installed at the factory and cannot be removed without damage to the case.

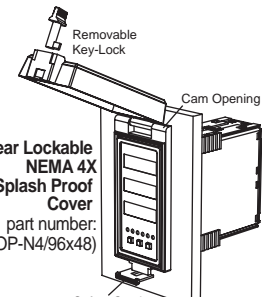
### TOP VIEW



Straight-thru Connector for meters with output board



High Strength Panel Mounting Kit P/N: OP-PMA96X48

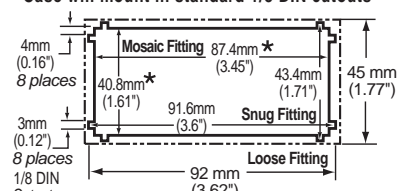


Clear Lockable NEMA 4X Splash Proof Cover part number: (OP-N4/96x48)

## 1/8 DIN 96x48mm (3.78"x1.89") Short Depth Case Dimensions and Panel Cutouts

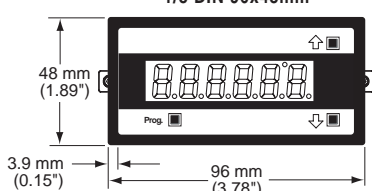
### PANEL CUTOUT

Case will mount in standard 1/8 DIN cutouts

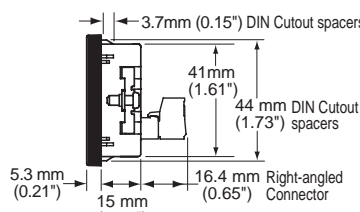


### FRONT VIEW

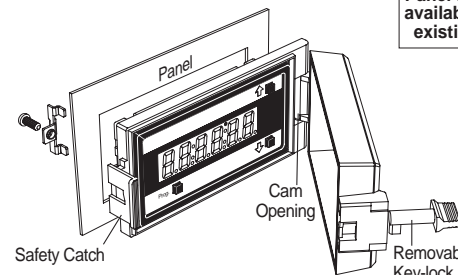
1/8 DIN 96x48mm



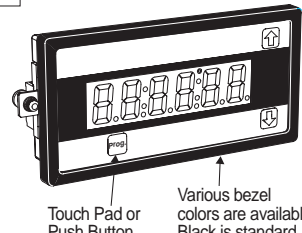
### SIDE VIEW



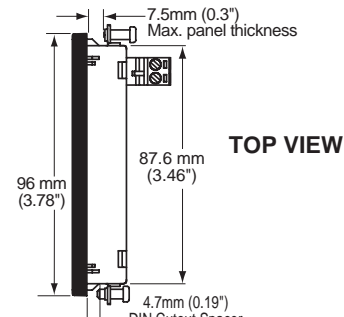
Panel adaptor plates are available to retrofit most existing panel cutouts.



Clear Lockable NEMA 4X Splash Proof Cover P/N:(OP-N4X/96x48)

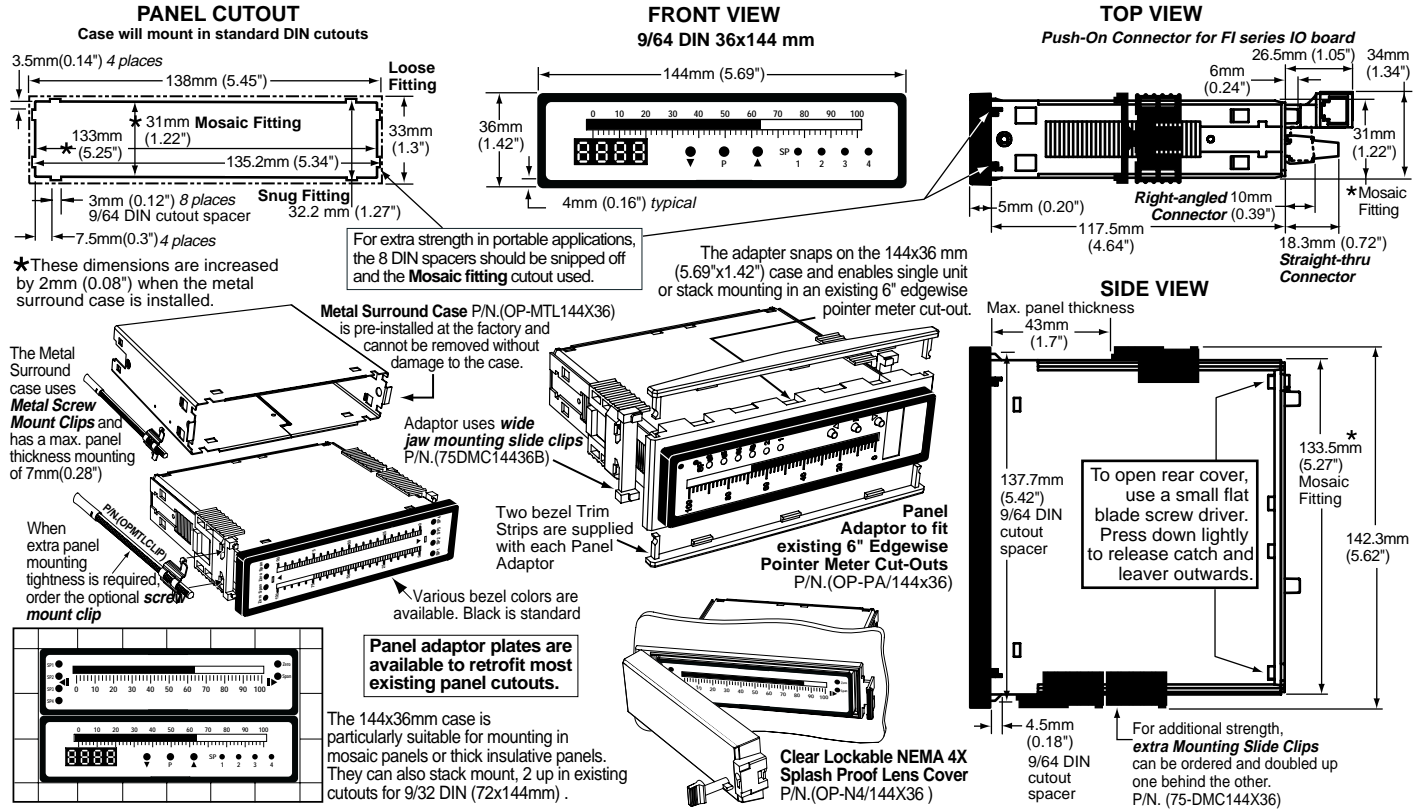


Touch Pad or Push Button Faceplate options  
Various bezel colors are available. Black is standard.

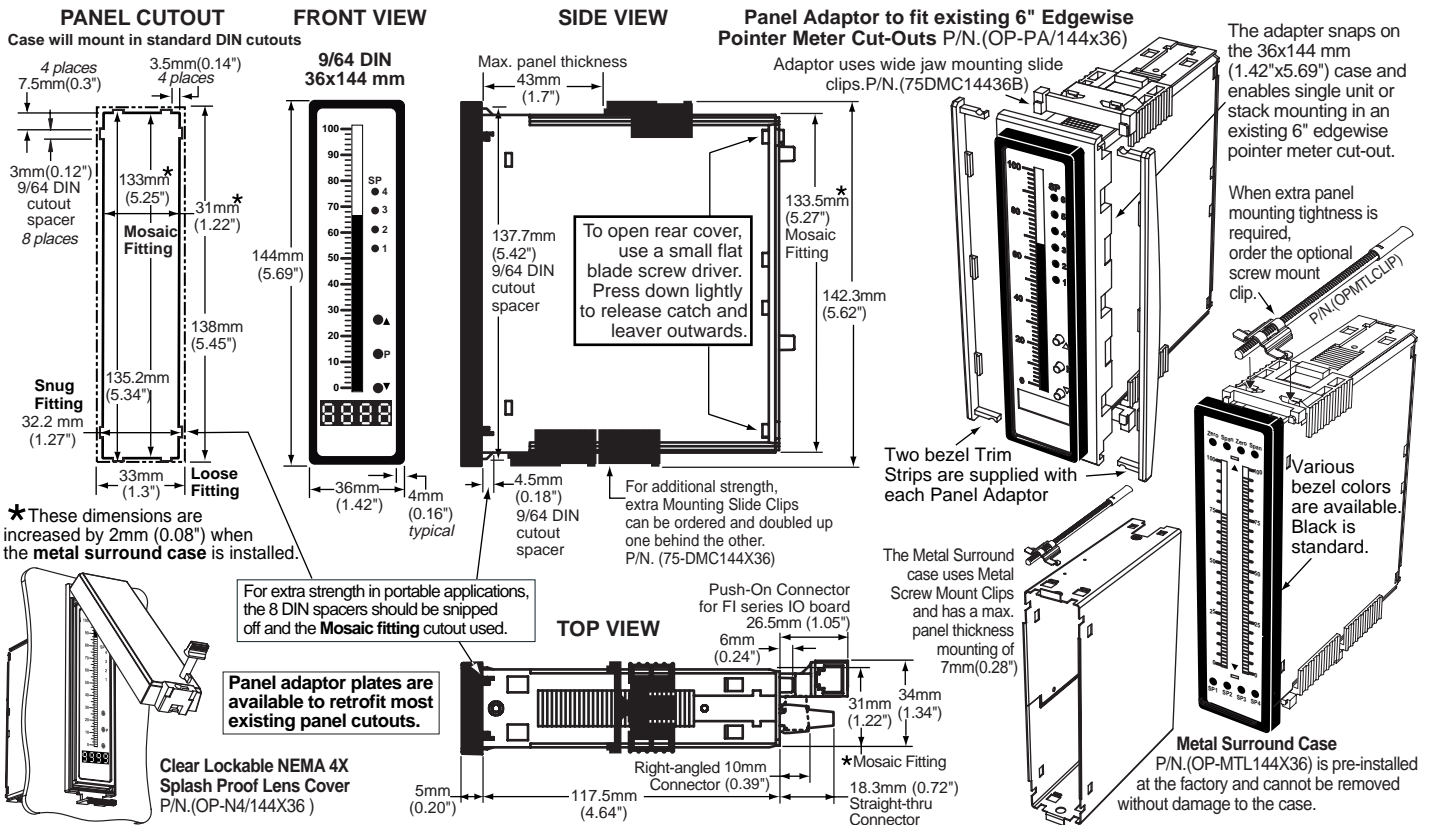


### TOP VIEW

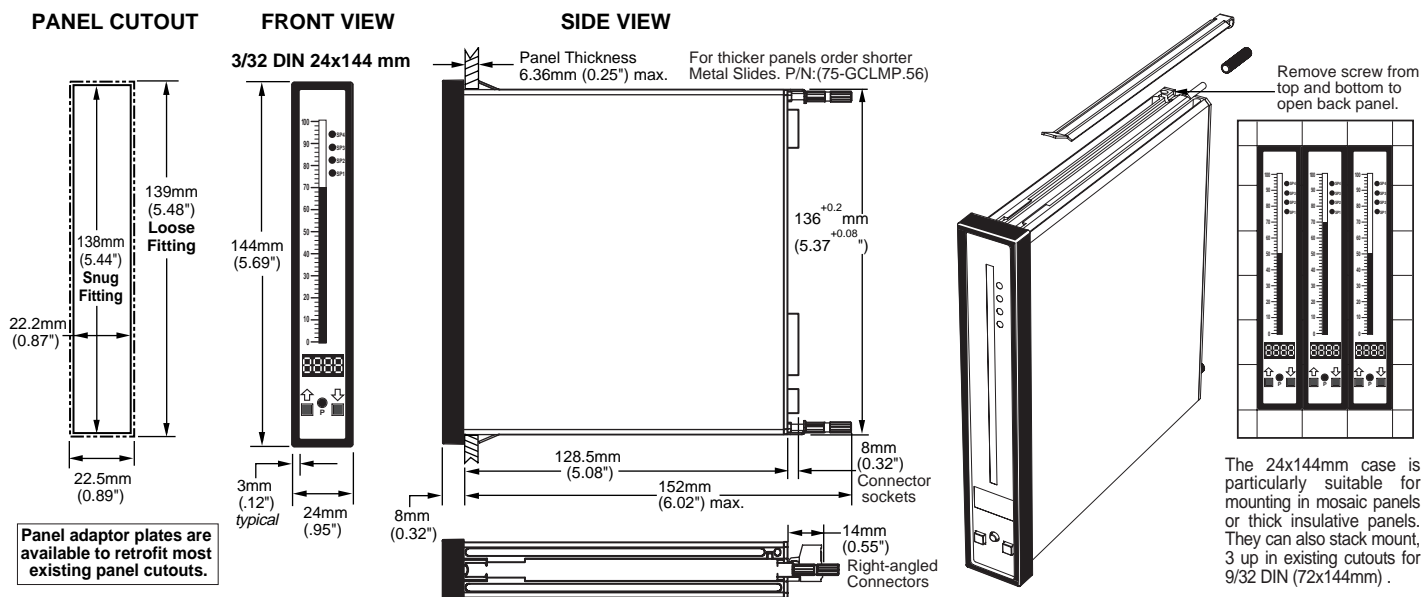
**9/64 DIN 144x36 mm (5.69"x1.42") Case Dimensions and Panel Cutouts**



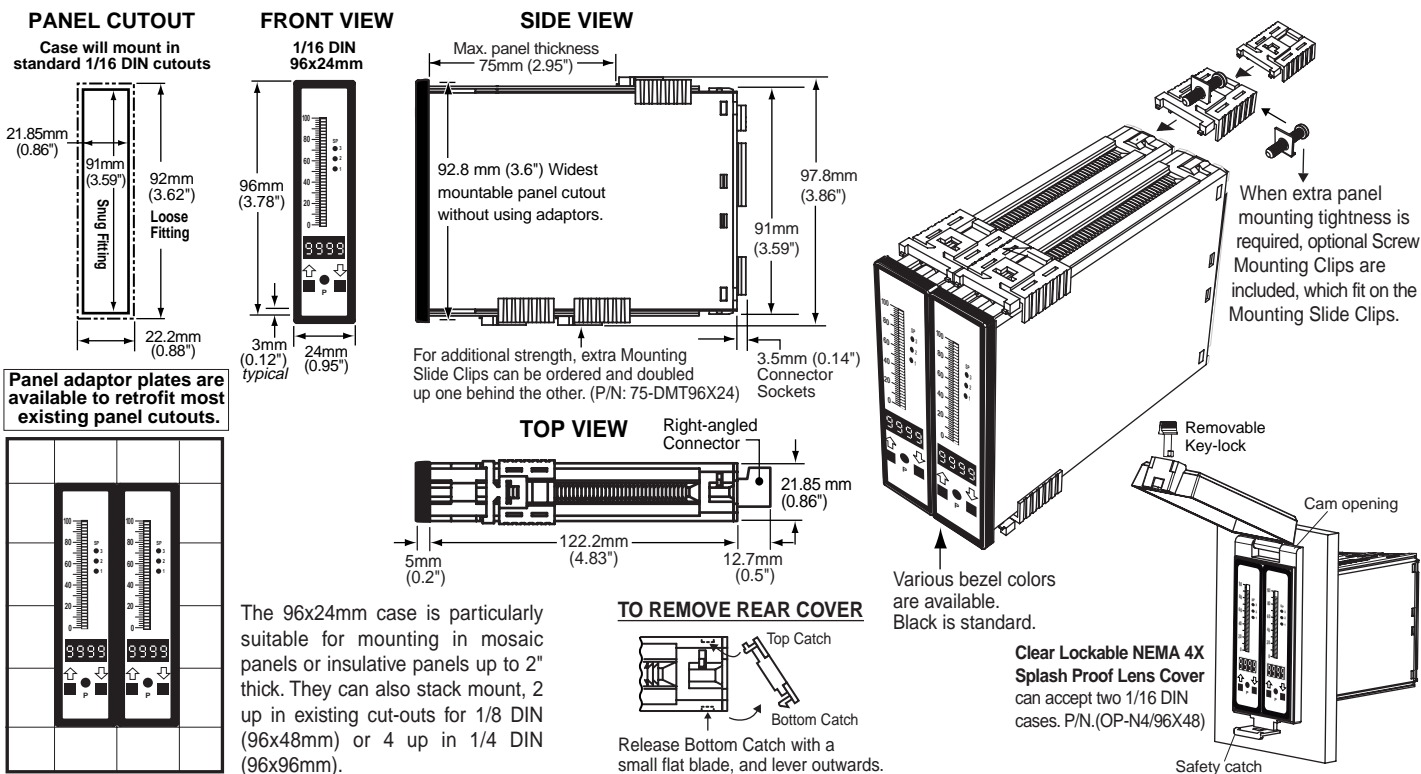
**9/64 DIN 36x144 mm (1.42"x5.69") Case Dimensions and Panel Cutouts**



**3/32 DIN 24x144 mm (0.95"x5.69") Case Dimensions and Panel Cutouts**



**1/16 DIN 24x96 mm (0.95"x3.78") Case Dimensions and Panel Cutouts**



### 1/16 DIN 96x24 mm (3.78"x0.95") Case Dimensions and Panel Cutouts

**PANEL CUTOUT**

Case will mount in standard 1/16 DIN cutouts

Snug Fit: 91 mm (3.59") x 21.85 mm (0.86")

Loose Fit: 92 mm (3.62")

Panel adaptor plates are available to retrofit most existing panel cutouts.

When extra panel mounting tightness is required, optional Screw Mounting Clips are included which fit on the Mounting Slide Clips.

**FRONT VIEW**

1/16 DIN (96x24mm)

24 mm (0.95")

3 mm (0.12") typical

96 mm (3.78")

**SIDE VIEW**

5 mm (0.20")

122.2 mm (4.83")

Right-angled Connector

21.85 mm (0.86")

12.7 mm (0.5")

**TO REMOVE REAR COVER**

Top Catches

Bottom Catch

Release Bottom Catch with a small flat blade, and lever outwards.

Various bezel colors are available. Black is standard.

Removable Key-lock

**Clear Lockable NEMA 4X Splash Proof Cover** can accept two 1/16 DIN cases P/N:(OP-N4/96x48)

Safety Catch

Cam Opening

**TOP VIEW**

74.5 mm (2.94")

Max. panel thickness

97.8 mm (3.86")

92.8 mm (3.6") Widest mountable panel cutout without using adaptors.

91 mm (3.59")

3.5 mm (0.14") Connector Sockets

For additional strength, extra Mounting Slide Clips can be ordered and doubled up one behind the other. P/N:(75-DMT96X24)

The 96x24mm case is particularly suitable for mounting in mosaic panels or insulative panels up to 2" thick. They can also stack mount, 2 up in existing cut-outs for 1/8 DIN (96x48mm) or 4 up in 1/4 DIN (96x96mm).

### 1/16 DIN 96x24 mm (3.78"x0.95") Short Depth Case Dimensions and Panel Cutouts

**PANEL CUTOUT**

Case will mount in standard 1/16 DIN cutouts

Snug Fit: 91 mm (3.59") x 21.85 mm (0.86")

Loose Fit: 92 mm (3.62")

Panel adaptor plates are available to retrofit most existing panel cutouts.

For additional strength, extra Mounting Slide Clips can be ordered and doubled up one behind the other. P/N:(75-DMT96X24)

**FRONT VIEW**

1/16 DIN (96x24mm)

24 mm (0.95")

3 mm (0.12") typical

96 mm (3.78")

**SIDE VIEW**

5 mm (0.20")

56.5 mm (2.23")

27 mm (1.06")

5.4 mm (0.21")

21.85 mm (0.86")

Push-On Connector P/N:(CN/PUSH/BN)

**TO REMOVE REAR COVER**

Top Catches

Bottom Catch

Release Bottom Catch with a small flat blade, and lever outwards.

Various bezel colors are available. Black is standard.

Edge Connector P/N:(CN-L15)

17.5 mm (0.69")

**TOP VIEW**

25.4 mm (3.78")

Max. panel thickness

97.8 mm (3.86")

92.8 mm (3.6") Widest mountable panel cutout without using adaptors.

91 mm (3.59")

96 mm (3.78")

The 96x24mm case is particularly suitable for mounting in mosaic panels or insulative panels. They can also stack mount, 2 up in existing cut-outs for 1/8 DIN (96x48mm) or 4 up in 1/4 DIN (96x96mm).

### 1/32 DIN 48x24 mm (1.89"x0.95") Case Dimensions and Panel Cutouts

**PANEL CUTOUT**

Case will mount in standard 1/32 DIN cutouts

Snug Fitting: 43 mm (1.7") x 18.2 mm (0.72")

Loose Fitting: 45 mm (1.77")

**FRONT VIEW**

1/32 DIN 48x24mm

24 mm (0.95")

3 mm (0.12") typical

48 mm (1.89")

**SIDE VIEW**

5 mm (0.2")

81 mm (3.2")

flexible panel cutout centering tabs

Right-angled Connector for 16mm other MU products (0.63")

18.2 mm (0.72")

11.5 mm Right-angled Connector (0.45") for MU-35, MU-35MV and MU-35CL

**TOP VIEW**

Max. panel thickness

47.6 mm (1.88")

48 mm (1.89")

43 mm (1.7")

47.9 mm (1.89")

2 mm (0.08") Connector socket for other MU products

2 mm (0.08") Connector socket for MU-35, MU-35MV and MU-35CL

For additional strength, extra Mounting Slide Clips can be ordered and doubled up one behind the other. P/N: (75-MUMT BRKT)

Various bezel colors are available. Black is standard.

Meter is removed from the front of the case after removing Bezel, Protective Plate and Filter.

Panel adaptor plates are available to retrofit most existing panel cutouts.

**Meters by the Case (shown at close to actual size)**

▶ **Other Popular Case Sizes**

▶ **NEMA Standard Case**



**Case Dimensions** See page 22 for details

- Bezel: 4.06"x1.89" (102.7x47.9 mm)
- Depth behind bezel: 3.34" (84.6 mm)
- Plus 0.77" (19.4 mm) for Edge connectors

**Panel Cutout**

- Loose Fitting: 3.84"x1.78" (97.5x45 mm)
- Snug Fitting: 3.58"x1.64" (91x41.6 mm)

**Products that use this case:** RP-Series, and UM-Series

▶ **Slim Bezel Case**



**Case Dimensions** See page 22 for details

- Bezel: 2.76"x1.17" (70x29.7 mm)
- Depth behind bezel: 3.32" (84 mm)
- Plus 0.55" (14 mm) for TB-Kit connectors
- Plus 0.72" (18.4 mm) for Edge connectors
- Plus 1.11" (28 mm) for Push-On connectors

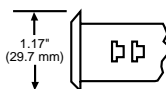
**Panel Cutout**

- Snug Fitting: 2.52"x0.97" (64x24.6 mm)

**Slim Bezel Cases are available in END MOUNT and CENTER MOUNT versions for stack mounting.**

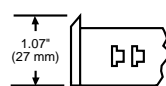


Stack Mounting Cases



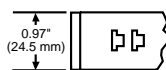
**SLIM BEZEL CASE**  
Standard Black ABS case with matte finish bezel for single unit mounting.

Part No:  
**SL-CASERED** for LED's  
**SL-CASECLR** for LCD's  
**SL-CASELCD** for LCD's



**END MOUNT CASE**  
Same styling as Slim Bezel case but with bottom edge of bezel removed. Two End Mount cases can be twin mounted in a single cutout.

Part No:  
**EM-CASERED** for LED's  
**EM-CASECLR** for LCD's  
**EM-CASELCD** for LCD's



**CENTER MOUNT CASE**  
Any number of Center Mount cases may be fitted between two End Mount cases for multiple arrays.

Part No:  
**CM-CASERED** for LED's  
**CM-CASECLR** for LCD's  
**CM-CASELCD** for LCD's

**Products that use this case:**

AM-Series, CM-Series, CP-45, PM-Series, SM-Series, SP-Series, TM-Series and PC Series

▶ **Mini-Meter Case**



**Case Dimensions** See page 22 for details

- Bezel: 1.46"x0.59" (36.8x15 mm)
- Depth behind panel: 1.78" (45 mm)

**Panel Cutout**

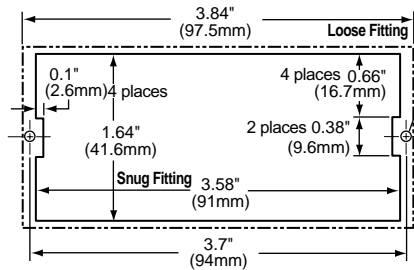
- Loose Fitting: 1.4"x0.54" (35.5x13.7 mm)
- Snug Fitting: 1.38"x0.5" (35x12.6 mm)

**Products that use this case:**

DVM-5/CL, DVM-5, DVM-5RTD

## NEMA Case Dimensions and Panel Cutouts

This NEMA Case will fit any existing cutout with dimensions that are between the Snug and Loose Fitting dimensions shown below.

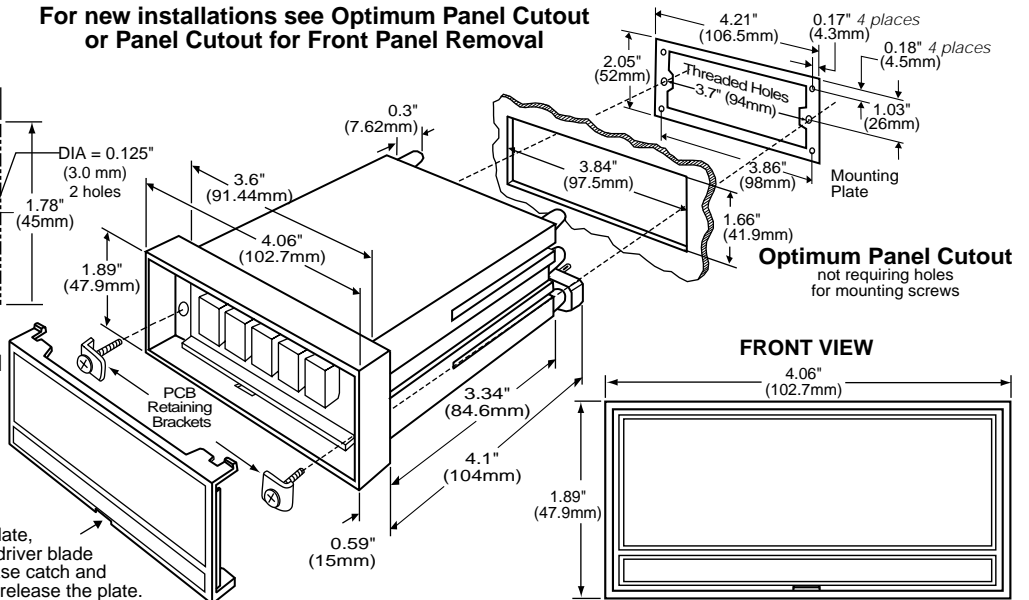


### Panel Cutout for Front Panel Removal

To enable removal of the panel meter from a mounting panel without requiring rear access, make the panel cutout as shown above, using the mounting plate supplied with the meter as a template. The mounting holes should then be tapped to match the mounting screws.

To remove the face plate, carefully insert screwdriver blade at bottom slot to release catch and gently pry outward to release the plate.

For new installations see Optimum Panel Cutout or Panel Cutout for Front Panel Removal



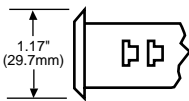
## Slim Bezel Case Dimensions and Panel Cutouts

The Slim Bezel Case is supplied as standard. If specified at time of ordering, any combination of Twin Mounting and Multiple Array Cases may be substituted at no additional cost. Extra cases may be ordered separately.

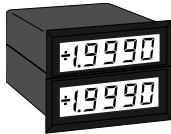
### STANDARD SLIM BEZEL CASE



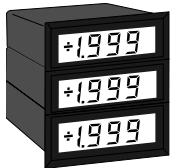
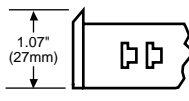
**SLIM BEZEL CASE**  
Standard Black ABS case with matte finish bezel for single unit mounting.  
Part No. **SL-CASERED** for LED's  
**SL-CASECLR** for LCD's



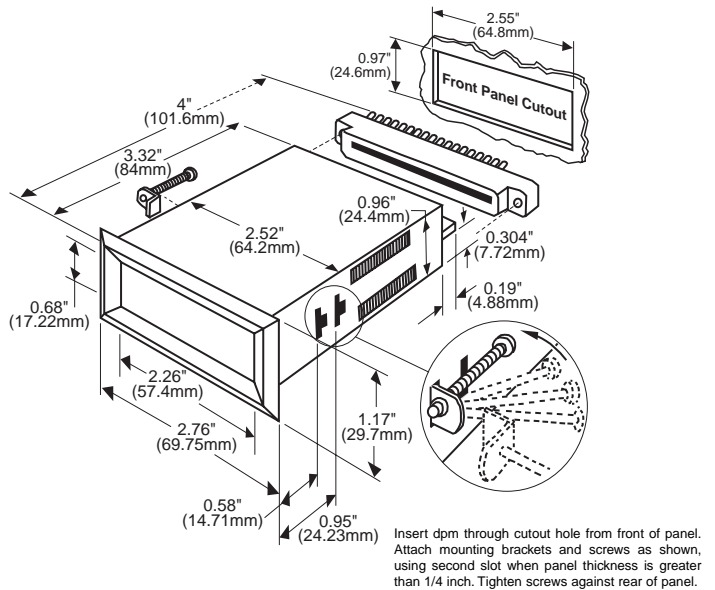
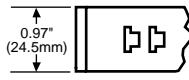
### OPTIONAL TWIN MOUNTING OR MULTIPLE ARRAY CASES



**END MOUNT CASE**  
Same styling as Slim Bezel case but with bottom edge of bezel removed. Two End Mount cases can be twin mounted in a single cutout.  
Part No. **EM-CASERED** for LED's  
**EM-CASECLR** for LCD's

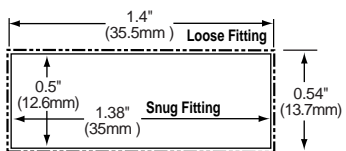


**CENTER MOUNT CASE**  
Any number of Center Mount cases may be fitted between two End Mount cases for multiple arrays.  
Part No. **CM-CASERED** for LED's  
**CM-CASECLR** for LCD's

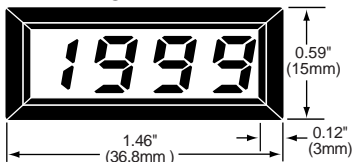


## Mini-Meter Case Dimensions and Panel Cutouts

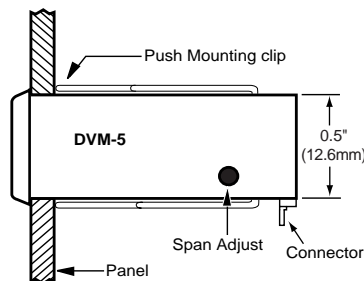
### PANEL CUTOUT



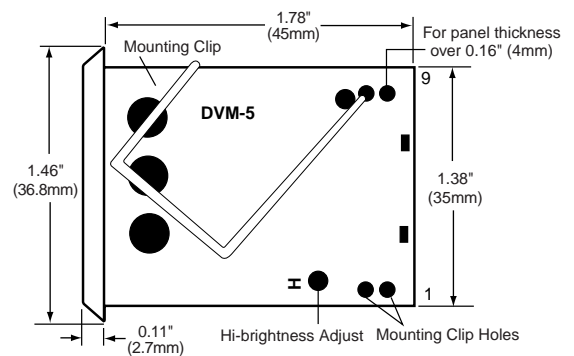
### FRONT VIEW



### SIDE VIEW



### TOP VIEW



**Connectors for Non DIN Cases**

Dual row, 18 pin solder type  
PCB Edge Connector

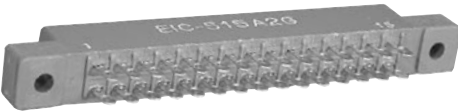
**Part No: CN-L10**



**Optional Connector for Products:**  
PM, SM, SP, TM, CM Series and AM-20

Dual row, 15 pin solder type  
PCB Edge Connector

**Part No: CN-L15**



**Optional Connector for Products:**  
RP, UM, BN series, AM-30, and DD-40HZ

Dual row, 15 pin solder type  
PCB Edge Connector

**Part No: CN-S15**



**Optional Connector for Products:**  
PM-35X and PM-35XAC

Dual row, 13 pin solder type Edge Connector  
to 26 Wire Ribbon Cable

**Part No: CN-S13**



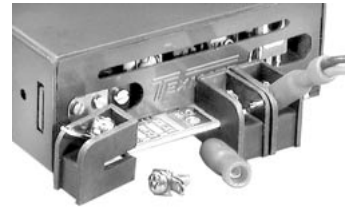
**Optional Connector for Products:**  
CP & RD Series

Dual row, 18 pin solder type PCB  
Edge Connector

**Part No: CN-S18**



**Optional Connector for Products:**  
DM-3100L

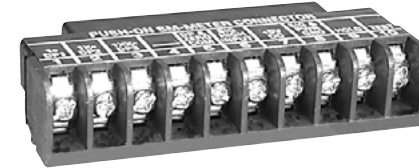


TB-KIT

**TB-KIT Connector shipped Free with the products:**  
CM series, SM series, SP series, TM series and UM series

Push-On Screw Terminal Block Connector

**Part No: CN-PUSH/CM  
CN-PUSH/SM  
CN-PUSH/SP  
CN-PUSH/TM**



**Optional Connector for products:**  
CM series, SM series and SP series

Push-On Screw Terminal Block Connector

**Part No: CN-PUSH/AM  
CN-PUSH/BN  
CN-PUSH/DD  
CN-PUSH/UM  
CN-PUSH/UM01  
CN-PUSH/UM02**



**Optional Connector for products:**  
AM series, BN series, UM series and DD-40HZ

**5V DC Auxiliary Power Supplies**

100-125 / 208-250V AC to 5V DC Power Supplies

**Part No: PS-505  
PS-510**



The PS-505 with a 5V 500 mA output and the PS-510 with a 5V 1 Amp output are general purpose low ripple, regulated power supplies suited for +5V DC powered DPM's • Both units provide user selectability for 100-125 V AC or 208-250 V AC operation.

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 Differential Temperature  
 Flow  
 Frequency  
 Infrared  
 Level  
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 Process Controllers  
 Process Meters  
 Position  
 Power Meters  
 Pumping System Control  
 Ramp & Soak  
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