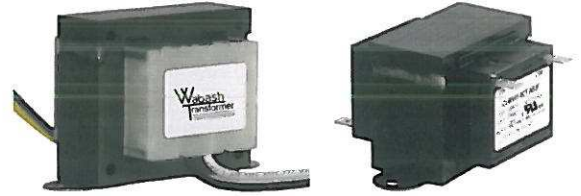


# Class 2 UL5085-3 Transformer

## 40VA, Core 3/4", Inherently Energy Limited

Series: CL - Lead Wires & Quick-Connects

- Power Rating 40VA
- No Secondary Fusing Required
- Frequency 50/60Hz
- Insulation Class F (155°C)  
Class B (130°C) Insulation available



### Agency Approvals:

- UL/cUL 5085-3 Class 2 Recognized (UL File E49606 & ETL Report 100920584CHI-001)
- Insulation File No. E95662

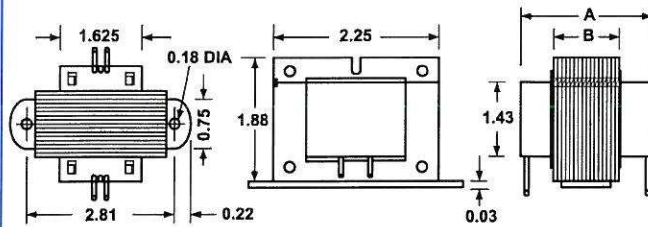


\* Multi voltage combinations are available - consult factory.

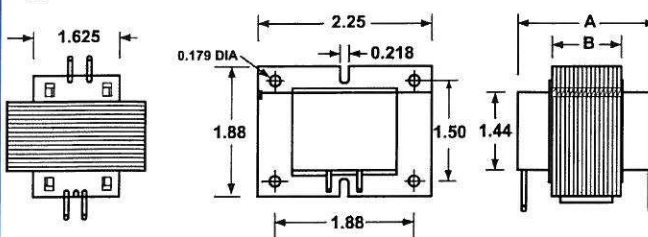
### Lead Wires

**Type HX Foot Mount** - Steel bracket welded to the bottom of the laminations for easy mounting  
**Type GX Panel Mount** - 0.179" (4.55 mm) diameter holes in each corner to allow direct mounting to a panel.  
**Lead Wires:** All leads are 18 AWG stranded 2/64" (0.794 mm) insulation thickness. Standard parts have 12" (305 mm) total length with 1/2" (12.7 mm) strip.

#### Type HX - Foot Mount



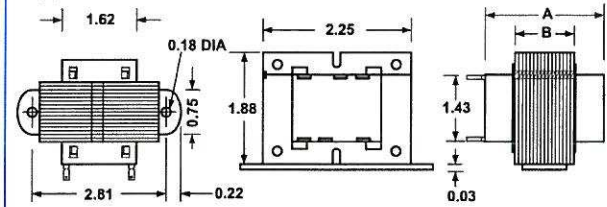
#### Type GX - Panel Mount



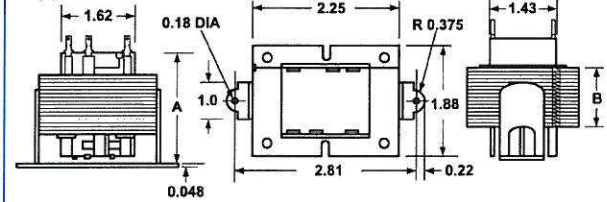
### Quick-Connects

**Type BB Foot Mount, Pri & Sec on Same Side** - Quick connect terminals with line and load terminations on the same side of transformer.  
**Type AE Laydown, Pri & Sec on Top Side** - Quick connect terminals with line and load terminations on the top of transformer.  
**Type AB Foot Mount Pri & Sec on Opposite Side** - Quick connect terminals with line and load terminations on opposite sides of transformer  
**Terminals:**  
 Standard male quick connects - 0.250" x 0.032" (6.35 x 0.81 mm)  
 Other available quick connects - 0.187" x 0.032" (4.75 x 0.81 mm)

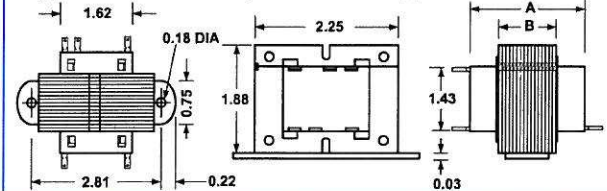
#### Type BB - Foot Mount, Pri & Sec on Same Side



#### Type AE - Laydown, Pri & Sec on Top Side



#### Type AB - Foot Mount, Pri & Sec on Opposite Side



Dimensions (Inches)	40VA - V	40VA - VM
A	2.410	2.16
B	1.250	1.00
Weight (Lbs)	1.45	1.20

Any application, Any requirement, Contact us for our Custom Designs



**Class 2 UL5085-3 Transformer**  
**40VA, Core 3/4", Inherently Energy Limited**  
**Series: CL - Lead Wires & Quick-Connects**



**Partial Selection Guide**

Primary Voltage	Secondary Voltage	40 VA Size - 3/4" X 1-1/4"	Class 2**	Primary Voltage	Secondary Voltage	40 VA Size - 3/4" X 1-1/4"	Class 2**
208/230	24	CL40V00-000*	✓	120/277	24	CL40V41-000*	✓
	24Vct	—	-		24Vct	—	-
120	24	CL40V01-000*	✓	208/277/480	24	CL40V42-000*	✓
	24Vct	—	-		24Vct	—	-
277	24	CL40V02-000*	✓	277/380/415	24	CL40V43-000*	✓
	24Vct	—	-		24Vct	—	-
120/208/240	24	CL40V03-000*	✓	208/240/480	24	CL40V44-000*	✓
	24Vct	—	-		24Vct	—	-
480	24	CL40V04-000*	✓	208	24	CL40V45-000*	✓
	24Vct	—	-		24Vct	—	-
600	24	CL40V06-000*	✓	220/240	24	CL40V47-000*	✓
	24Vct	—	-		24Vct	—	-
120/240	24	CL40V07-000*	✓	100	24	CL40V48-000*	✓
	24Vct	—	-		24Vct	—	-
380	24	CL40V09-000*	✓	220	24	CL40V49-000*	✓
	24Vct	—	-		24Vct	—	-
240	24	CL40V40-000*	✓	115	24	CL40V51-000*	✓
	24Vct	—	-		24Vct	—	-
208/240	24	CL40V15-000*	✓	265	24	CL40V52-000*	✓
	24Vct	—	-		24Vct	—	-
415	24	CL40V16-000*	✓	346	24	CL40V53-000*	✓
	24Vct	—	-		24Vct	—	-
380/415	24	CL40V17-000*	✓	208/230/460	24	CL40V54-000*	✓
	24Vct	—	-		24Vct	—	-
575	24	CL40V21-000*	✓	400	24	CL40V55-000*	-
	24Vct	—	-		24Vct	—	-
215/230	24	CL40V22-000*	✓	575/600	24	CL40V56-000*	-
	24Vct	—	-		24Vct	—	-
208/240/277	24	CL40V23-000*	✓	200/230/460	24	CL40V58-000*	-
	24Vct	—	-		24Vct	—	-
240/480	24	CL40V24-000*	✓	230/460	24	CL40V59-000*	✓
	24Vct	—	-		24Vct	—	-
380/415/575	24	CL40V27-000*	✓	380/460	24	CL40V60-000*	-
	24Vct	—	-		24Vct	—	-
460	24	CL40V28-000*	✓	208/240	24	CL40V15-000*	✓
	24Vct	—	-		24Vct	—	-
480/575	24	CL40V30-000*	✓	115/230	24	CL40V62-000*	✓
	24Vct	—	-		24Vct	—	-
200/230	24	CL40V31-000*	✓	230	24	CL40V63-000*	✓
	24Vct	—	-		24Vct	—	-
120/208/240/277	24	CL40V36-000*	✓	240/277/480	24	CL40V64-000*	✓
	24Vct	—	-		24Vct	—	-

\* Refer to page number 7. Must complete part number to specify voltages, termination, mounting & fusing.  
 For custom designs 3 digit customer ID will be added at the end of the part number.

\*\* Per UL Standard 5085-3

**Lead Wire Details:**

Primary Voltage	COM	110,115,120	200,208,215	220, 230, 240	265, 277	380	400, 415	460, 480	575	600
Color	Black	White	Red	Orange	Brown	Violet	Red/White	Black/Red	Gray	Black/White
Secondary Voltage	COM	12	24	Standard leads: All leads are 12.0" L.O.C (length out of coil) 1/2" strip						
Color	Yellow	Yellow/White	Blue							

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