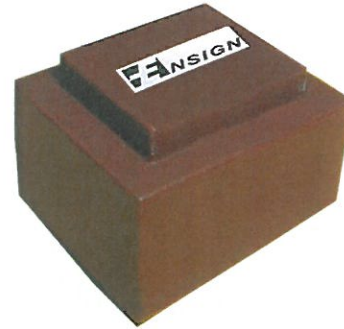


Encapsulated Power Transformer

Series: EI42, 5.0VA - 6.0VA

- Power Rating 5.0VA to 6.0VA
- Frequency 50/60Hz
- Insulation Class B (130°C)
- Ambient Temperature (ta) – 70°C
- Dielectric Strength – 3750 Vrms
- Potted under vacuum
- PV42S & PV42D series are fail-safe transformers
- PV42MS & PV42MD series are non-short-circuit proof transformers

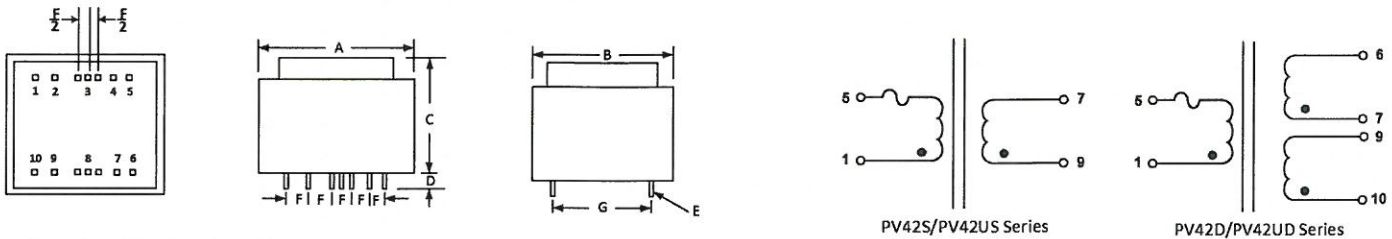


Agency Approvals:

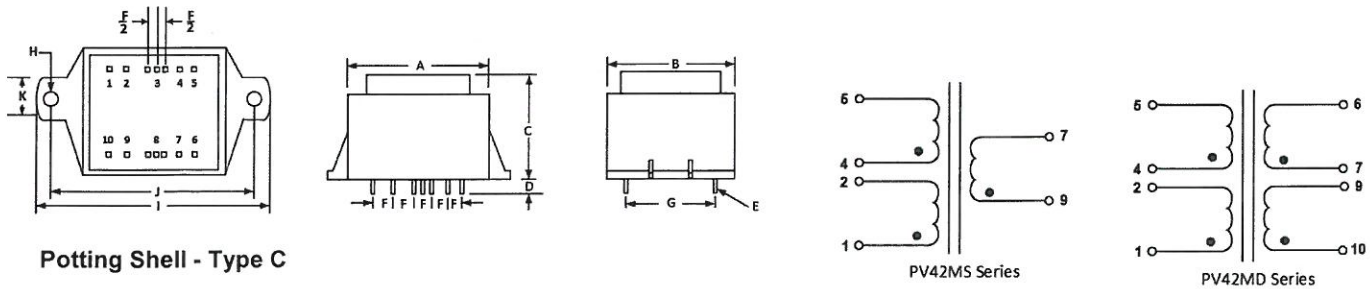
- C-UL: CSA C22.2 #66
- UL: UL506
- TUV: EN61558/EN60950



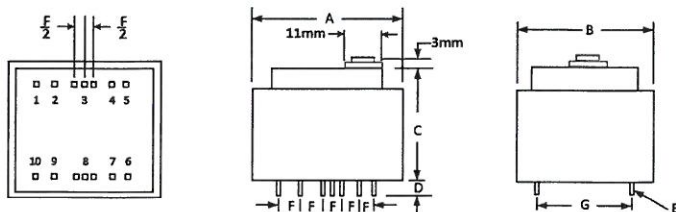
Potting Shell - Type A



Potting Shell - Type B



Potting Shell - Type C



Pins Connection (dual winding)	Primary	Series	Input Pin 1 & Pin 5 and Jumper Pins 2 & 4
		Parallel	Input Pin 1 & Pin 5 and Jumper Pins 1 & 4, 2 & 5
	Secondary	Series	Output Pin 7 & 9 and Jumper Pins 6 & 10
		Parallel	Output Pin 7 & 9 and Jumper Pins 7 & 10, 6 & 9

* All Dimensions are in millimeters (mm)

VA Rating	Size	Potting Shell	A (±1.0)	B (±1.0)	C (±1.0)	D (±1.0)	E (±0.1)	F (±0.2)	G (±0.5)	H (±0.2)	I (max)	J (±0.5)	K (±0.5)	Wt. gm.
5.0 / 6.0	14.8	Type A	44.0	37.0	31.5	4.0	SQ0.64	5.0	25.0	—	—	—	—	190
		Type B	44.0	37.0	31.5	4.0	SQ0.64	5.0	25.0	φ4.2	64.0	55.0	10.0	190
		Type C	44.0	37.0	32.5	4.0	SQ0.64	5.0	25.0	—	—	—	—	190

Encapsulated Power Transformer

Series: EI42, 5.0VA - 6.0VA



VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval	
		Part Number	Secondary Rating		Part Number	Secondary Rating				
			(V)	(mA)		(V)	(mA)			
5.0VA / 14.8	230	PV42S-060-833	6	833	PV42D-060-416	2 x 6	416	70	TUV CE	
		PV42S-072-694	7.2	694	PV42D-072-347	2 x 7.2	347			
		PV42S-090-555	9	555	PV42D-090-277	2 x 9	277			
		PV42S-100-500	10	500	PV42D-100-250	2 x 10	250			
		PV42S-120-416	12	416	PV42D-120-208	2 x 12	208			
		PV42S-150-333	15	333	PV42D-150-166	2 x 15	166			
		PV42S-180-277	18	277	PV42D-180-138	2 x 18	138			
		PV42S-240-208	24	208	PV42D-240-104	2 x 24	104			
	115	PV42US-060-833	6	833	PV42UD-060-416	2 x 6	416	70	UL C-UL	
		PV42US-072-694	7.2	694	PV42UD-072-347	2 x 7.2	347			
		PV42US-090-555	9	555	PV42UD-090-277	2 x 9	277			
		PV42US-100-500	10	500	PV42UD-100-250	2 x 10	250			
		PV42US-120-416	12	416	PV42UD-120-208	2 x 12	208			
		PV42US-150-333	15	333	PV42UD-150-166	2 x 15	166			
		PV42US-180-277	18	277	PV42UD-180-138	2 x 18	138			
		PV42US-240-208	24	208	PV42UD-240-104	2 x 24	104			
	2X115	PV42MS-060-833	6	833	PV42MD-060-416	2 x 6	416	70	UL C-UL TUV CE	
		PV42MS-072-694	7.2	694	PV42MD-072-347	2 x 7.2	347			
		PV42MS-090-555	9	555	PV42MD-090-277	2 x 9	277			
		PV42MS-100-500	10	500	PV42MD-100-250	2 x 10	250			
		PV42MS-120-416	12	416	PV42MD-120-208	2 x 12	208			
		PV42MS-150-333	15	333	PV42MD-150-166	2 x 15	166			
		PV42MS-180-277	18	277	PV42MD-180-138	2 x 18	138			
		PV42MS-240-208	24	208	PV42MD-240-104	2 x 24	104			
	6.0VA / 14.8	230	PV42S-060-1000	6	1000	PV42D-060-0500	2 x 6	500	70	TUV CE
			PV42S-072-0833	7.2	833	PV42D-072-0416	2 x 7.2	416		
			PV42S-090-0666	9	666	PV42D-090-0333	2 x 9	333		
			PV42S-100-0600	10	600	PV42D-100-0300	2 x 10	300		
PV42S-120-0500			12	500	PV42D-120-0250	2 x 12	250			
PV42S-150-0400			15	400	PV42D-150-0200	2 x 15	200			
PV42S-180-0333			18	333	PV42D-180-0166	2 x 18	166			
PV42S-240-0250			24	250	PV42D-240-0125	2 x 24	125			
115		PV42US-060-1000	6	1000	PV42UD-060-0500	2 x 6	500	70	UL C-UL	
		PV42US-072-0833	7.2	833	PV42UD-072-0416	2 x 7.2	416			
		PV42US-090-0666	9	666	PV42UD-090-0333	2 x 9	333			
		PV42US-100-0600	10	600	PV42UD-100-0300	2 x 10	300			
		PV42US-120-0500	12	500	PV42UD-120-0250	2 x 12	250			
		PV42US-150-0400	15	400	PV42UD-150-0200	2 x 15	200			
		PV42US-180-0333	18	333	PV42UD-180-0166	2 x 18	166			
		PV42US-240-0250	24	250	PV42UD-240-0125	2 x 24	125			
2X115		PV42MS-060-1000	6	1000	PV42MD-060-0500	2 x 6	500	70	UL C-UL TUV CE	
		PV42MS-072-0833	7.2	833	PV42MD-072-0416	2 x 7.2	416			
		PV42MS-090-0666	9	666	PV42MD-090-0333	2 x 9	333			
		PV42MS-100-0600	10	600	PV42MD-100-0300	2 x 10	300			
		PV42MS-120-0500	12	500	PV42MD-120-0250	2 x 12	250			
		PV42MS-150-0400	15	400	PV42MD-150-0200	2 x 15	200			
		PV42MS-180-0333	18	333	PV42MD-180-0166	2 x 18	166			
		PV42MS-240-0250	24	250	PV42MD-240-0125	2 x 24	125			

Part Number Designation

Three designations are available. Use PV42S-060-833 as example:

- 1) PV42S-060-833 = Potting Shell A
- 2) PV42S-060-833 (SB) = Potting Shell B
- 3) PV42S-060-833 (SC) = Potting Shell C

Note:

- a) When checking the approval status of this series' products with UL & TUV, the suffixes "(SB)" and "(SC)" should be omitted.
- b) In case of need, please add the appropriate suffixes in the part number when ordering

