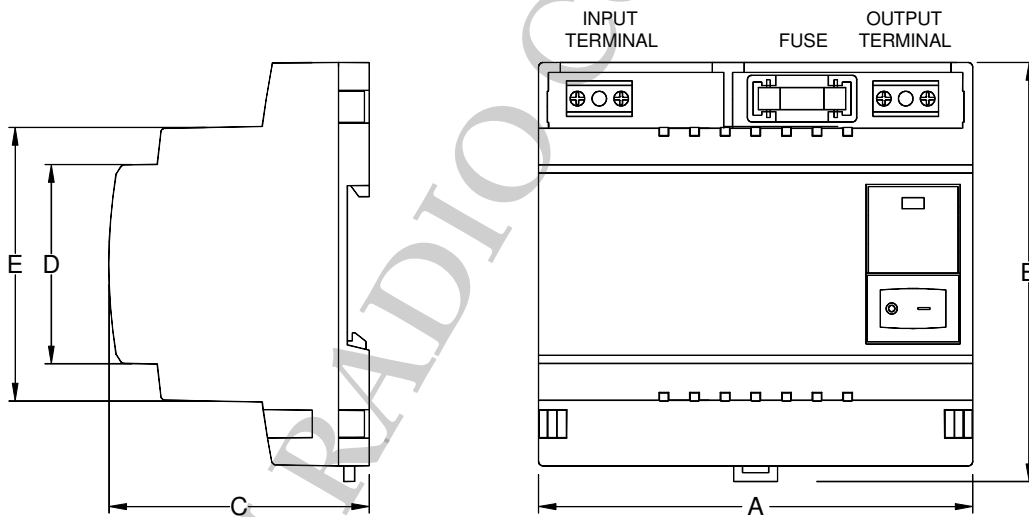


## TL315 Series

- Single phase non-stabilized AC/DC power supply / safety transformer
- Rated input: 230V~ 50/60Hz
- Short circuit proof with integrated fuse protection and thermal cut-off
- Dielectric strength 4000Vrms
- Insulation class B(130°C)
- Protection class IP20
- Ambient Temperature( $t_a$ ) -25°C ~ +40°C
- Output ON/OFF with switch and LED indication
- RoHS Complied.
- Agency approvals: TUV / CE: EN61558

## Physical Dimension



Product Series	Dimension (mm)					Weight (g)
	A	B	C	D	E	
TL315-AYYY-ZZZ	84.0	94.0	63.0	45.0	61.5	700
TL315-BYYY-ZZZ	98.0	94.0	63.0	45.0	61.5	900
TL315-CYYY-ZZZ	109.0	104.0	63.0	45.0	70.0	1250
TL315-DYYY-ZZZ	165.0	94.0	63.0	45.0	61.5	1900
Tolerance	±1.0	±1.0	±1.0	±0.5	±0.5	approx.

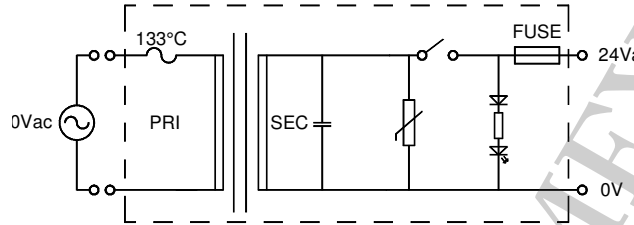
Note: Stable plastic enclosure for panel installation on mounting rails (DIN EN50022)

Order Part Number	Power Rating	Input Voltage	Output Rated Voltage	Output Rated Current	Secondary Fuse Rating	Regulation	Ripple Factor	Efficiency	Dielectric Strength	Electrical Schematic
		(50 / 60Hz)	(V)	(A)	(A)	(%)typ.	(%)typ.	(%)typ.	(kVrms)	
TL315-A020-24A	20VA	230	24Vrms	0.83	1	13.5	--	81	4.0	I
TL315-A025-24A	25VA	230	24Vrms	1.04	1.25	15.5	--	81	4.0	I
TL315-B030-24A	30VA	230	24Vrms	1.25	1.25	9.5	--	85	4.0	I
TL315-B036-24A	36VA	230	24Vrms	1.50	1.6	10.5	--	85	4.0	I
TL315-C050-24A	50VA	230	24Vrms	2.08	2.5	9.0	--	87	4.0	I
TL315-C063-24A	63VA	230	24Vrms	2.63	3.15	10.5	--	87	4.0	I
TL315-D080-24A	80VA	230	24Vrms	3.33	4	9.5	--	87	4.0	II
TL315-D100-24A	100VA	230	24Vrms	4.17	5	11.5	--	86	4.0	II
TL315-A016-12D	16W	230	12Vdc	1.33	1.6	31	5	70	4.0	III
TL315-A016-24D	16W	230	24Vdc	0.67	0.8	30	3	73	4.0	III
TL315-B024-12D	24W	230	12Vdc	2.00	2	28	5	75	4.0	III
TL315-B024-24D	24W	230	24Vdc	1.00	1	23.5	3	78	4.0	III
TL315-C032-12D	32W	230	12Vdc	2.66	3.15	26	5	75	4.0	III
TL315-C036-24D	36W	230	24Vdc	1.50	1.6	23	3	79	4.0	III
TL315-D048-12D	48W	230	12Vdc	4.00	4	30	5	74	4.0	IV
TL315-D048-24D	48W	230	24Vdc	2.00	2	21	3	77	4.0	IV
TL315-D060-24D	60W	230	24Vdc	2.50	2.5	23.5	3	79	4.0	IV

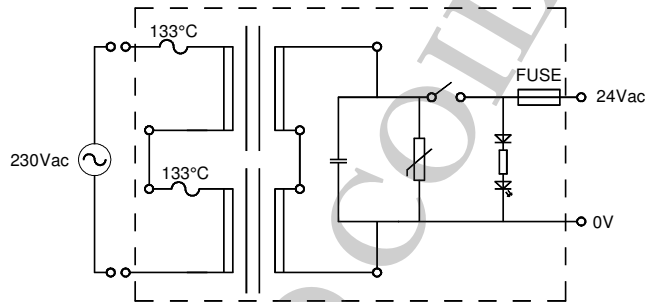
Note:

1. Fully cast-resin molded transformer
2. For panel installation on mounting rails (DIN EN 50022)
3. Input and output with screw-type terminals.
4. Protection index: IP20
5. Secondary side with ON/OFF switch and replaceable fuse (Ø5 x 20mm / IEC-60127-2 / slow blow)
6. Unit is for indoor use and must have all terminations well-protected by plastic cover or in a panel/enclosure

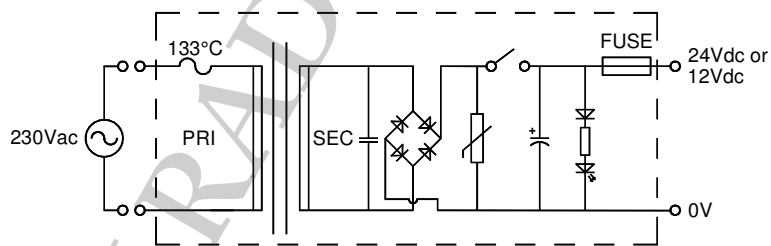
### Circuit Diagrams:



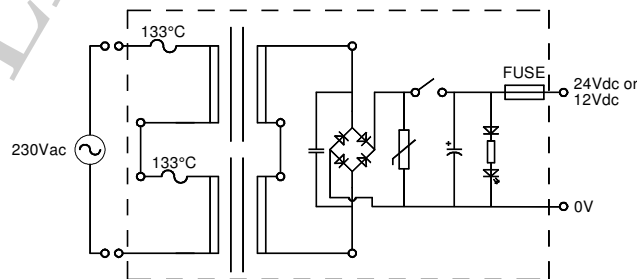
Schematic I



Schematic II



Schematic III



Schematic IV