

SXN15 Series

Single output

For the most current data and application support visit www.artesyn.com/powergroup/products.htm

OUTPUT POWER (MAX.)	INPUT VOLTAGE	OVP	OUTPUT VOLTAGE	OUTPUT CURRENT (MIN.)	OUTPUT CURRENT (MAX.)	EFFICIENCY (TYP.)	REGULATION		MODEL NUMBER ^(8,12,13)
							LINE	LOAD	
10.8 W	33-75 Vdc	2.3 Vdc	1.8 V	0 A	6 A	83%	0.3%	2.0%	SXN15-48S1V8J
15 W	33-75 Vdc	3.2 Vdc	2.5 V	0 A	6 A	85%	0.3%	1.5%	SXN15-48S2VJ
15 W	33-75 Vdc	4 Vdc	3.3 V	0 A	4.5 A	86%	0.1%	0.5%	SXN15-48S3V3J
15 W	33-75 Vdc	6 Vdc	5 V	0 A	3 A	87%	0.1%	0.5%	SXN15-48S05J

Notes

- 1 Measured as per recommended set-up. See Application Note 116 for further details.
- 2 $di/dt = 0.1 \text{ A}/\mu\text{s}$, $V_{in} = 48 \text{ Vdc}$, $T_c = 25^\circ\text{C}$, load change = 0.5 I_o max. to 0.75 I_o max. and 0.75 I_o max. to 0.5 I_o max.
- 3 The SXN15 meets level A and level B conducted emissions only with external components connected before the input pins to the converter. See Application Note 116 for further details.
- 4 Recommended input fusing is a 2 A HRC 200 V rated fuse.
- 5 This product is only for inclusion by professional installers within other equipment and must not be operated as a stand alone product.
- 6 Measured with external filter. See Application Note 116 for further details.
- 7 Start-up into resistive load.
- 8 Active low remote ON/OFF is available. Standard product is active high. Designate with the Suffix '-R' e.g. SXN15-48S05-RJ.
- 9 Operating ambient temperatures are specified at natural convection. Higher operating temperatures are possible with increased airflow. See Application Note 116 for further details.
- 10 Signal Line assumed < 3 m in length.
- 11 This parameter is calculated at worst case line, load, temperature and initial settings.
- 12 The 'J' suffix indicates that these parts are Pb-free (RoHS 6/6) compliant. TSE RoHS 5/6 (non Pb-free) compliant versions may be available on special request, please contact your local sales representative for details.
- 13 NOTICE: Some models do not support all options. Please contact your local Artesyn representative or use the on-line model number search tool at <http://www.artesyn.com/powergroup/products.htm> to find a suitable alternative.

PROTECTION

Short circuit	Continuous
Overvoltage	Non-latching clamp

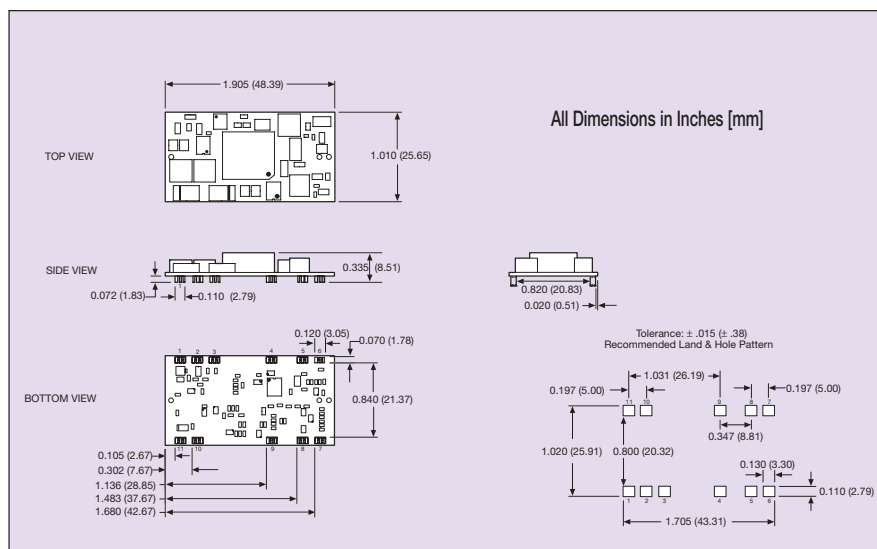
TELECOM SPECIFICATION

Central office interface A	ETS300-132-2, input voltage and current requirements
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CAUTION: Hazardous internal voltages and high temperatures.
Ensure that unit is not user accessible.

International Safety Standard Approvals

UL UL/cUL 1950 3rd edition. File No. E135734
TÜV TÜV Rheinland. File No. 10401-3336-0916 Licence No. 40004290



PIN CONNECTIONS	
PIN NUMBER	FEATURE
1	Vout +
2	Vout -
3	N/C
4	Trim
5	N/C
6	N/C
7	N/C
8	On/Off
9	N/C
10	Vin -
11	Vin +

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Please consult our website for the following items: ✓ Application Note ✓ Longform Data Sheet

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