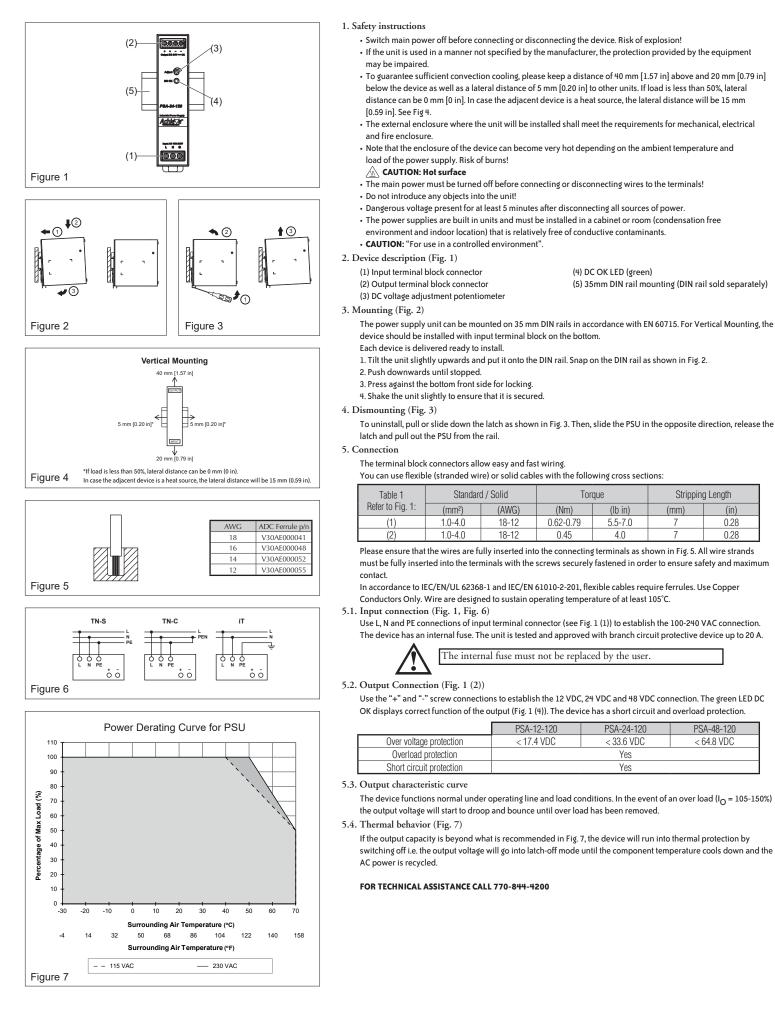
## Installation Instructions for PSA-12-120, PSA-24-120 & PSA-48-120 **Power Supply**

## READ INSTRUCTIONS BEFORE INSTALLING OR OPERATING THIS DEVICE. KEEP FOR FUTURE REFERENCE.



Stripping Length

(in)

0.28

0.28

PSA-48-120

< 64.8 VDC

(mm)

## Technical Data For PSA-12-120, PSA-24-120 & PSA-48-120

100-240 VAC / 50-60 Hz           90-264 VAC           47-63 Hz           2.1 A typ. @ 115 VAC, 1.3 A typ. @ 230 VAC           35 A typ. @ 230 VAC           10 ms typ. @ 115 VAC (100% load)           16 ms typ. @ 230 VAC           500 ms typ. @ 115 VAC (20% load)           500 ms typ. @ 115 VAC & 230 VAC           -		
90-264 VAC           47-63 Hz           2.1 A typ. @ 115 VAC, 1.3 A typ. @ 230 VAC           35 A typ. @ 230 VAC           10 ms typ. @ 115 VAC (100% load)           16 ms typ. @ 230 VAC           500 ms typ. @ 115 VAC & 230 VAC           T 4 A / 250 V           <0.5 mA @ 240 VAC		
90-264 VAC           47-63 Hz           2.1 A typ. @ 115 VAC, 1.3 A typ. @ 230 VAC           35 A typ. @ 230 VAC           10 ms typ. @ 115 VAC (100% load)           16 ms typ. @ 230 VAC           500 ms typ. @ 115 VAC & 230 VAC           T 4 A / 250 V           <0.5 mA @ 240 VAC		
47-63 Hz           2.1 A typ. @ 115 VAC, 1.3 A typ. @ 230 VAC           35 A typ. @ 230 VAC           10 ms typ. @ 115 VAC (100% load)           16 ms typ. @ 2115 VAC (200% load)           500 ms typ. @ 115 VAC & 230 VAC           T 4 A / 250 V                 24 VDC ± 1%           48 VDC ± 1%           24 VDC ± 1%           21 00 VAC           24 VDC ± 1%           24 VDC ± 1%           24 VDC ± 1%           26 VAC           21 00 VAC           24 VDC ± 1%           3.000 µF by.		
2.1 A typ. @ 115 VAC, 1.3 A typ. @ 230 VAC         35 A typ. @ 230 VAC         10 ms typ. @ 115 VAC (100% load)         16 ms typ. @ 230 VAC (100% load)         500 ms typ. @ 115 VAC & 230 VAC         7 4 A / 250 V         <0.5 mA @ 240 VAC		
35 A typ. @ 230 VAC           10 ms typ. @ 115 VAC (100% load)           16 ms typ. @ 230 VAC (100% load)           500 ms typ. @ 115 VAC & 230 VAC           I 4 A / 250 V           <0.5 mA @ 240 VAC		
10 ms typ. @ 115 VAC (100% load)           16 ms typ. @ 115 VAC & 230 VAC           T 4 A / 250 V                  0.5 mA @ 240 VAC            24 VDC ± 1%            48 VDC ± 1%            21.6-26.4 VDC            5.0 A            2.5 A                40°C [104°F] derate power by 1.67% / °C @ 115 VAC           > 50°C [122°F] derate power by 2.5% / °C @ 230 VAC            8.000 µF typ.           230 VAC         0.15 W max @ 115 VAC & 230 VAC            8.000 µF typ.           230 VAC         0.15 W max @ 115 VAC & 230 VAC            8.5% typ. @ 230 VAC            8.45% typ. @ 230 VAC            8.45% typ. @ 230 VAC            16.42°F to +158°F]            [+32°F to +158°F]            [+22°F to +32°F]            [-22°F to +32°F] <t< td=""></t<>		
16 ms typ. @ 230 VAC (100% load)           500 ms typ. @ 115 VAC & 230 VAC           T 4 A / 250 V           < 0.5 mA @ 240 VAC		
500 ms typ. @ 115 VAC & 230 VAC           T 4 A / 250 V           < 0.5 mA @ 240 VAC		
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$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		
21.6-26.4 VDC         43.2-52.8 VDC           5.0 A         2.5 A           < 100 VAC de-rate power by 1% / VAC		
21.6-26.4 VDC         43.2-52.8 VDC           5.0 A         2.5 A           < 100 VAC de-rate power by 1% / VAC		
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		
Vertical mounting: > 40°C [104°F] derate power by 1.67% / °C @ 115 VAC         > 50°C [122°F] derate power by 2.5% / °C @ 230 VAC         8,000 µF typ.       3,000 µF typ.         230 VAC       0.15 W max @ 115 VAC & 230 VAC       0.21 W max @ 115 VAC & 230         230 VAC       0.15 W max @ 115 VAC & 230 VAC       89.5% typ. @ 230 VAC         2       88.5% typ. @ 230 VAC       89.5% typ. @ 230 VAC         70°C       < 150 mVpp @ 0°C to +70°C		
Vertical mounting: > 40°C [104°F] derate power by 1.67% / °C @ 115 VAC         > 50°C [122°F] derate power by 2.5% / °C @ 230 VAC         8,000 µF typ.       3,000 µF typ.         230 VAC       0.15 W max @ 115 VAC & 230 VAC       0.21 W max @ 115 VAC & 230         230 VAC       0.15 W max @ 115 VAC & 230 VAC       89.5% typ. @ 230 VAC         2       88.5% typ. @ 230 VAC       89.5% typ. @ 230 VAC         70°C       < 150 mVpp @ 0°C to +70°C		
> 50°C [122°F] derate power by 2.5% / °C @ 230 VAC           8,000 µF typ.         3,000 µF typ.           230 VAC         0.15 W max @ 115 VAC & 230 VAC         0.21 W max @ 115 VAC & 230           C         88.5% typ. @ 230 VAC         89.5% typ. @ 230 VAC           C         88.5% typ. @ 230 VAC         89.5% typ. @ 230 VAC           C         88.5% typ. @ 230 VAC         89.5% typ. @ 230 VAC           C         88.5% typ. @ 0°C to +70°C         <200 mVpp @ 0°C to +70°		
8,000 µF typ.         3,000 µF typ.           230 VAC         0.15 W max @ 115 VAC & 230 VAC         0.21 W max @ 115 VAC & 230           2         88.5% typ. @ 230 VAC         89.5% typ. @ 230 VAC           70°C         < 150 mVpp @ °C to +70°C		
Metal         Constraint         Constrais         Constrais		
C         88.5% typ. @ 230 VAC         89.5% typ. @ 230 VAC           70°C         < 150 mVpp @ 0°C to +70°C		
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$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		
0°C         < 450 mVpp @ -30°C to 0°C		
Image:		
Metal           Green LED DC OK           > 700,000 hrs. as per Telcordia SR-332           (I/P: 115 VAC & 230 VAC; 0/P: 100% load; Ta: 25°C)           123.6 x 30 x 116.8 mm [4.87 x 1.18 x 4.60 in]           0.45 kg [0.99 lb]           Screw connection           See Table 1           Refer to Fig. 7           artical mounting: -30°C to +70°C [-22°E to +158°E] (-40°C [-40°E] Cold Start)           -40°C to +85°C [-40°E to 185°F]           20 to 90% RH (Non-Condensing)           Sine Wave: 10 Hz to 500 Hz @ 19.6 m/s² (2 G peak); 10 min per cycle, 60 min for X direction           -2-27, Half Sine Wave: 50 G for duration of 11 ms; 3 times per direction, 9 times in total           2		
Green LED DC OK           > 700,000 hrs. as per Telcordia SR-332           (I/P: 115 VAC & 230 VAC; O/P: 100% load; Ta: 25°C)           123.6 x 30 x 116.8 mm [4.87 x 1.18 x 4.60 in]           0.45 kg [0.99 lb]           Screw connection           See Table 1           Refer to Fig. 7           ertical mounting: -30°C to +70°C [-22°F to +158°F] (-40°C [-40°F] Cold Start)           -40°C to +85°C [-40°F to 185°F]           20 to 90% RH (Non-Condensing)           Sine Wave: 10 Hz to 500 Hz @ 19.6 m/s² (2 G peak); 10 min per cycle, 60 min for X direction           -2-27, Half Sine Wave: 50 G for duration of 11 ms; 3 times per direction, 9 times in total           2		
Green LED DC OK           > 700,000 hrs. as per Telcordia SR-332           (I/P: 115 VAC & 230 VAC; O/P: 100% load; Ta: 25°C)           123.6 x 30 x 116.8 mm [4.87 x 1.18 x 4.60 in]           0.45 kg [0.99 lb]           Screw connection           See Table 1           Refer to Fig. 7           ertical mounting: -30°C to +70°C [-22°F to +158°F] (-40°C [-40°F] Cold Start)           -40°C to +85°C [-40°F to 185°F]           20 to 90% RH (Non-Condensing)           Sine Wave: 10 Hz to 500 Hz @ 19.6 m/s² (2 G peak); 10 min per cycle, 60 min for X direction           -2-27, Half Sine Wave: 50 G for duration of 11 ms; 3 times per direction, 9 times in total           2		
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2		
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0 to 5.000 Meters (0 to 16.400 ft.)		
C-UL recognized to UL62368-1 and CSA C22.2 No. 62368-1 (File no. E508040)		
CB scheme to IEC 62368-1, IEC 61010-1, IEC 61010-2-201		
UL/C-UL listed to UL 61010-1, UL 61010-2-201 (File no. E197592)		
EN/BS EN 61204-3		
EN/BS EN 55035, EN/BS EN 61000-6-2		
(EN 61000-4-2, 3, 4, 5, 6, 8, 11)		
Compliance to EN/BS EN 61000-6-1		
EN/BS EN 61000-6-4, EN/BS EN 61204-3, EN/BS EN 61000-3-2 Class A, EN/BS EN 61000-3-3 Compliance to EN/BS EN 61000-6-3 Class B		
CB scheme UL/C-UL listed EN/BS EN 61000-6-		