



FEATURE HIGHLIGHTS

- Booster power from 9~36 VDC input to 53VDC output
- Short circuit (Output) / overload (Input) Protection
- Input / Output reverse polarity protection
- Input Under Voltage protection
- Compact IP30 din-rail design
- Wide operating temperature -40°C ~ +75°C

SPECIFICATIONS

Power Input

Input Voltage	9-36(up to55) VDC
Power Connection	1*embedded 3-contact terminal block

Power Output

Output Voltage	53VDC (48-55VDC adjustable via built-in SVR)
Power Connection	1*removable 4-contact terminal block
Max Current	12.8A(BP-953360), 17.5A(BP-953480)
Rated Power	100W@9V, 120W@12V, 300W@24V, 360W@36-55V (BP-953360) 50W@9V, 180W@12V, 360W@24V, 480W@36-55V (BP-953480)

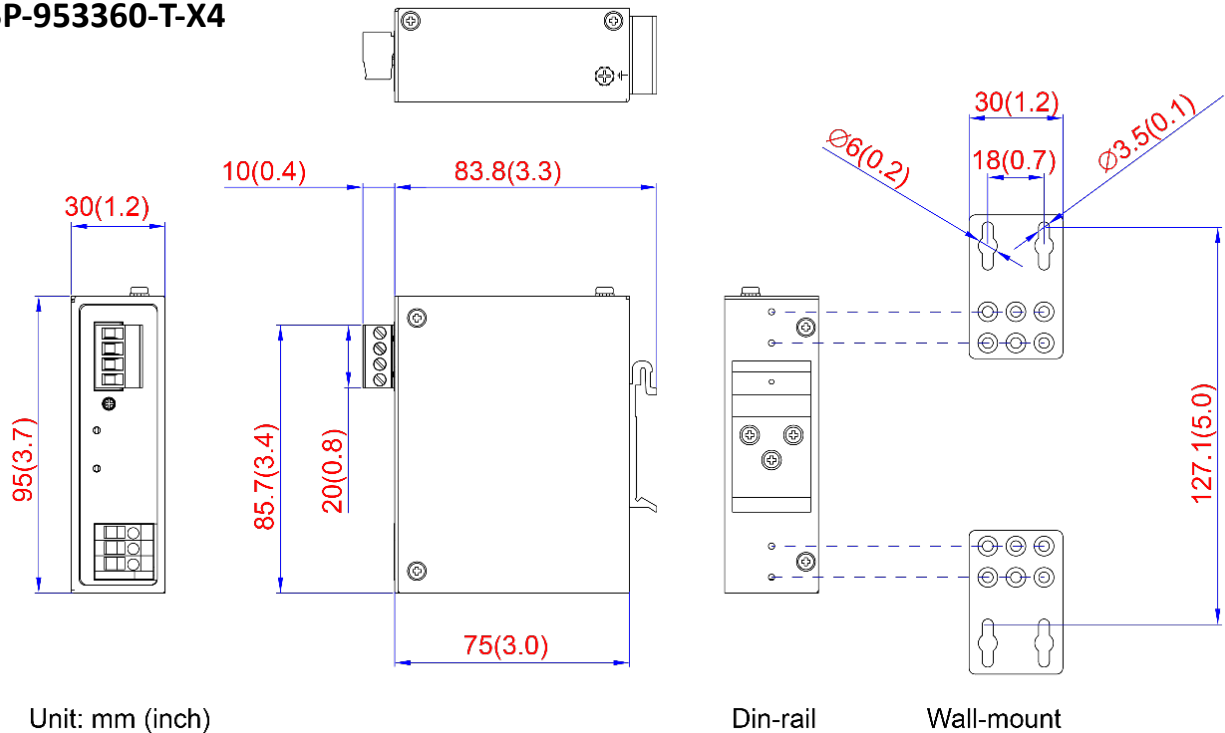
BP-953360/480-T-X4

Industrial DC-DC Power Booster

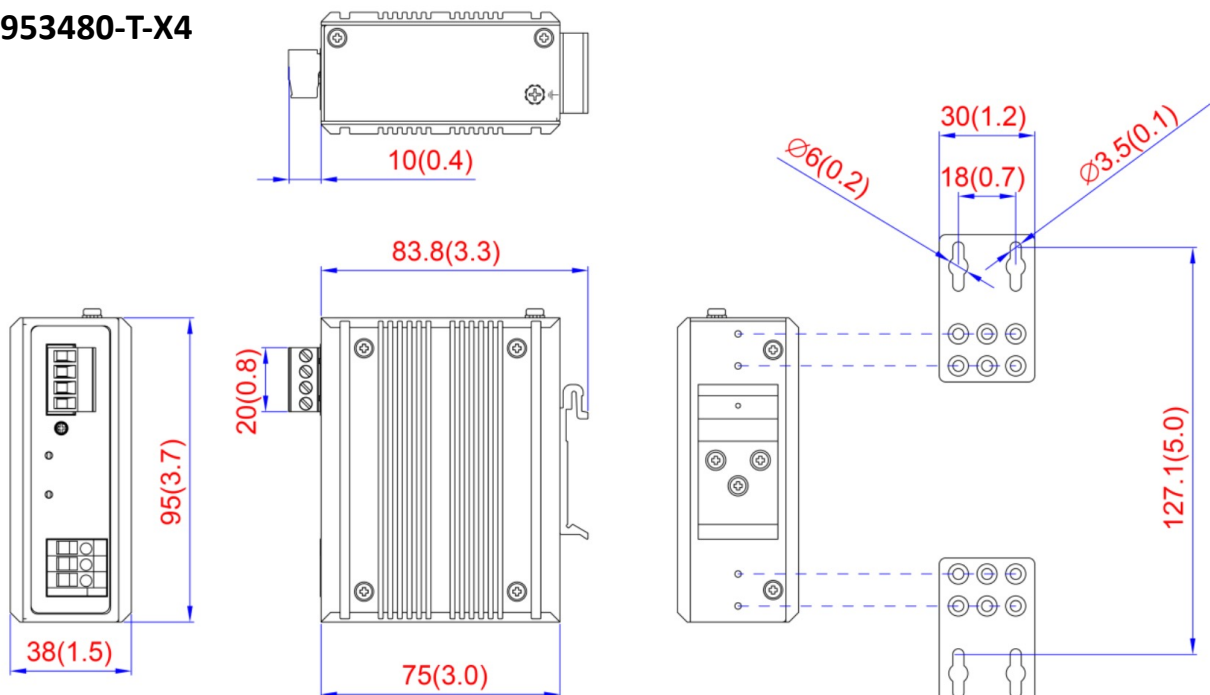
Protection	
Overload Current Protection	Present (Slow-Blow Fuse)
Reverse Polarity Protection	Present
Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions (W x H x D)	BP-953360: 30 x 95 x 75 mm (1.18 x 3.74 x 2.95 inch) BP-953480: 38 x 95 x 75 mm (1.49 x 3.74 x 2.95 inch)
Weight	BP-953360: Unit weight: 0.388 kg (0.86 lb), Shipping weight: 0.516 kg (1.14 lb) BP-953480: Unit weight: 0.432 kg (0.95 lb), Shipping weight: 0.558 kg (1.23 lb)
Mounting	DIN-Rail Mounting, Wall Mounting
Environmental Limits	
Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5 to 95%, (non-condensing)
Regulatory Approvals	
EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
EMS	CE EN55035/EN61000-6-2: IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field)
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
MTBF (Telcordia SR-332, Issue 3, GB, 25°C)	4,199,651 hrs.
Warranty	5 Years

DIMENSIONS

BP-953360-T-X4



BP-953480-T-X4



ORDERING INFORMATION

Model Name	Description
BP-935360-T-X4	360W Industrial DIN-Rail Power Booster, 9-36VDC power input, 53VDC power output, -40°C ~ 75°C
BP-935480-T-X4	480W Industrial DIN-Rail Power Booster, 9-36VDC power input, 53VDC power output, -40°C ~ 75°C