

## PJT

### Features

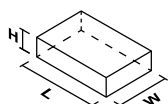
- Small standard footprint
- Low Leakage Current < 0.1mA
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- High MTBF > 700,000 hrs. as per Telcordia SR-332
- Short Circuit / Overvoltage / Overcurrent / Over Temperature Protections
- Certified according to IEC/EN/UL 62368-1



### Specifications

OUTPUT		PJT-12V40WBA□	PJT-12V65WBA□	PJT-12V100WBA□	PJT-12V100WBB□
Output Voltage		12V	12V	12V	12V
Output Current		3.33A	5.0A	8.33A	6.67A (Convection) 8.33A (Forced Air)
Output Power		40W	60W	100W	80W (Convection) 100W (Forced Air)
PAR (20MHz)		< 120mVpp			
Hold-up Time	115Vac	18ms typ.	16ms typ.	20ms typ.	10ms typ.
	230Vac	90ms typ.	80ms typ.		
INPUT					
Phase Input		Single Phase			
Input Voltage Range		90-264Vac			
Input Frequency		47-63Hz			
Input Current	115Vac	0.85A typ.	1.50A typ.	1.50A typ.	2.50A typ.
Efficiency <sup>1)</sup> at 100% Load	115Vac	85.0% typ.	86.0% typ.	86.5% typ.	86.0% typ.
	230Vac	86.0% typ.	86.5% typ.		
Max Inrush Current (Cold Start)	115Vac	30A typ.	30A typ.	30A typ.	30A typ.
	230Vac	60A typ.	60A typ.		
Power Factor		Conform to EN 61000-3-2			
Leakage Current	240Vac	< 0.1mA	< 0.1mA	< 0.1mA	< 0.1mA
MECHANICAL					
Case Cover / Chassis		-			
Dimensions (L × W × H)	mm	76.2 × 50.8 × 22.9	101.6 × 50.8 × 30	127 × 76.2 × 31	101.6 × 50.8 × 31.8
	inch	3.00 × 2.00 × 0.90	4.00 × 2.00 × 1.18	5.00 × 3.00 × 1.22	4.00 × 2.00 × 1.25
Unit Weight	kg	0.08	0.13	0.21	0.15
	lb	0.18	0.29	0.46	0.33
Cooling System		Convection			Convection / Forced Air
MTBF <sup>2)</sup>		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT					
Operating Temperature <sup>3)</sup>		-10°C to +70°C			
Storage Temperature		-40°C to +85°C			
Operating Humidity		10 to 95% RH (Non-Condensing)			
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)			

#### Dimensions Reference



#### Notes

- 1) At 25°C ambient temperature.
- 2) MTBF as per Telcordia SR-332 (I/P: 115Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

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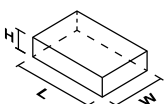
- Small standard footprint
- Low Leakage Current < 0.1mA
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- High MTBF > 700,000 hrs. as per Telcordia SR-332
- Short Circuit / Overvoltage / Overcurrent / Over Temperature Protections
- Certified according to IEC/EN/UL 62368-1



### Specifications

OUTPUT		PJT-15V40WBA□	PJT-15V65WBA□	PJT-15V100WBA□	PJT-15V100WBB□
Output Voltage		15V	15V	15V	15V
Output Current		2.67A	4.2A	6.67A	5.33A (Convection) 6.67A (Forced Air)
Output Power		40W	63W	100W	80W (Convection) 100W (Forced Air)
PARD (20MHz)		< 150mVpp			
Hold-up Time	115Vac	18ms typ.	16ms typ.	20ms typ.	10ms typ.
	230Vac	90ms typ.	80ms typ.		
INPUT					
Phase Input		Single Phase			
Input Voltage Range		90-264Vac			
Input Frequency		47-63Hz			
Input Current	115Vac	0.85A typ.	1.50A typ.	1.50A typ.	2.50A typ.
Efficiency <sup>1)</sup> at 100% Load	115Vac	86.0% typ.	87.0% typ.	87.5% typ.	87.0% typ.
	230Vac	87.0% typ.	88.5% typ.		89.0% typ.
Max Inrush Current (Cold Start)	115Vac	30A typ.	30A typ.	30A typ.	30A typ.
	230Vac	60A typ.	60A typ.		60A typ.
Power Factor		Conform to EN 61000-3-2			
Leakage Current	240Vac	< 0.1mA			
MECHANICAL					
Case Cover / Chassis		-			
Dimensions (L × W × H)	mm	76.2 × 50.8 × 22.9	101.6 × 50.8 × 30	127 × 76.2 × 31	101.6 × 50.8 × 31.8
	inch	3.00 × 2.00 × 0.90	4.00 × 2.00 × 1.18	5.00 × 3.00 × 1.22	4.00 × 2.00 × 1.25
Unit Weight	kg	0.08	0.13	0.21	0.15
	lb	0.18	0.29	0.46	0.33
Cooling System		Convection			Convection / Forced Air
MTBF <sup>2)</sup>		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT					
Operating Temperature <sup>3)</sup>		-10°C to +70°C			
Storage Temperature		-40°C to +85°C			
Operating Humidity		10 to 95% RH (Non-Condensing)			
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)			

#### Dimensions Reference



#### Notes

- 1) At 25°C ambient temperature.
- 2) MTBF as per Telcordia SR-332 (I/P: 115Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

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### Features

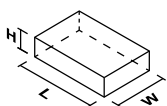
- Small standard footprint
- Low Leakage Current < 0.1mA
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- High MTBF > 700,000 hrs. as per Telcordia SR-332
- Short Circuit / Overvoltage / Overcurrent / Over Temperature Protections
- Certified according to IEC/EN/UL 62368-1



### Specifications

OUTPUT		PJT-18V40WBA□	PJT-18V65WBA□	PJT-18V100WBA□	PJT-18V100WBB□
Output Voltage		18V	18V	18V	18V
Output Current		2.22A	3.61A	5.55A	4.44A (Convection) 5.55A (Forced Air)
Output Power		40W	65W	100W	80W (Convection) 100W (Forced Air)
PARD (20MHz)		< 180mVpp			
Hold-up Time	115Vac	18ms typ.	16ms typ.	20ms typ.	10ms typ.
	230Vac	90ms typ.	80ms typ.		
INPUT					
Phase Input		Single Phase			
Input Voltage Range		90-264Vac			
Input Frequency		47-63Hz			
Input Current	115Vac	0.85A typ.	1.50A typ.	1.50A typ.	2.50A typ.
Efficiency <sup>1)</sup> at 100% Load	115Vac	86.0% typ.	87.0% typ.	87.5% typ.	87.0% typ.
	230Vac		88.0% typ.		89.0% typ.
Max Inrush Current (Cold Start)	115Vac	30A typ.	30A typ.	30A typ.	30A typ.
	230Vac	60A typ.	60A typ.	60A typ.	60A typ.
Power Factor		Conform to EN 61000-3-2			
Leakage Current		240Vac < 0.1mA			
MECHANICAL					
Case Cover / Chassis		-			
Dimensions (L × W × H)	mm	76.2 × 50.8 × 22.9	101.6 × 50.8 × 30	127 × 76.2 × 31	101.6 × 50.8 × 31.8
	inch	3.00 × 2.00 × 0.90	4.00 × 2.00 × 1.18	5.00 × 3.00 × 1.22	4.00 × 2.00 × 1.25
Unit Weight	kg	0.08	0.13	0.21	0.15
	lb	0.18	0.29	0.46	0.33
Cooling System		Convection			Convection / Forced Air
MTBF <sup>2)</sup>		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT					
Operating Temperature <sup>3)</sup>		-10°C to +70°C			
Storage Temperature		-40°C to +85°C			
Operating Humidity		10 to 95% RH (Non-Condensing)			
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)			

#### Dimensions Reference



#### Notes

- 1) At 25°C ambient temperature.
- 2) MTBF as per Telcordia SR-332 (I/P: 115Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

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### Features

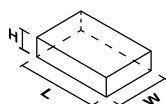
- Small standard footprint
- Low Leakage Current
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- High MTBF > 700,000 hrs. as per Telcordia SR-332
- Short Circuit / Overvoltage / Overcurrent / Over Temperature Protections
- Certified according to IEC/EN/UL 62368-1



### Specifications

OUTPUT		PJT-24V40WBA□	PJT-24V65WBA□	PJT-24V100WBA□	PJT-24V100WBB□	PJT-27V150WBNA
Output Voltage		24V	24V	24V	24V	V1: 27V, V <sub>SB</sub> : 12V
Output Current		1.66A	2.71A	4.17A	3.33A (Convection) 4.17A (Forced Air)	V1: 5.55A V <sub>SB</sub> : 0.5A
Output Power		40W	65W	100W	80W (Convection) 100W (Forced Air)	V1: 150W V <sub>SB</sub> : 6W
PARD (20MHz)		< 240mVpp				V1: < 150mVpp, V <sub>SB</sub> : < 75mVpp
Hold-up Time	115Vac	18ms typ.	16ms typ.	20ms typ.	10ms typ.	> 40ms
	230Vac	90ms typ.	80ms typ.			
INPUT						
Phase Input		Single Phase				
Input Voltage Range		90-264Vac				85-264Vac
Input Frequency		47-63Hz				
Input Current	115Vac	0.85A typ.	1.50A typ.	1.50A typ.	2.50A typ.	< 1.80A
	230Vac	-	-	-	-	< 0.90A
Efficiency <sup>1)</sup> at 100% Load	115Vac	86.0% typ.	87.0% typ.	88.0% typ.	88.0% typ.	> 88.5%
	230Vac	87.0% typ.				
Max Inrush Current (Cold Start)	115Vac	30A typ.	30A typ.	30A typ.	30A typ.	< 50A
	230Vac	60A typ.	60A typ.	60A typ.	60A typ.	< 100A
Power Factor	115Vac	Conform to EN 61000-3-2				> 0.99
	230Vac					> 0.93
Leakage Current	240Vac	< 0.1mA	< 0.1mA	< 0.1mA	< 0.1mA	-
	264Vac	-	-	-	-	< 0.25mA
MECHANICAL						
Case Cover / Chassis		-				
Dimensions (L × W × H)	mm	76.2 × 50.8 × 22.9	101.6 × 50.8 × 30	127 × 76.2 × 31	101.6 × 50.8 × 31.8	127 × 76.2 × 36.5
	inch	3.00 × 2.00 × 0.90	4.00 × 2.00 × 1.18	5.00 × 3.00 × 1.22	4.00 × 2.00 × 1.25	5.00 × 3.00 × 1.44
Unit Weight	kg	0.08	0.13	0.21	0.15	0.37
	lb	0.18	0.29	0.46	0.33	0.82
Cooling System		Convection			Convection / Forced Air	Convection
MTBF <sup>2)</sup>		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT						
Operating Temperature <sup>3)</sup>		-10°C to +70°C				
Storage Temperature		-40°C to +85°C				
Operating Humidity		10 to 95% RH (Non-Condensing); PJT-27V150WBNA: 5 to 95% RH (Non-Condensing)				
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)				

#### Dimensions Reference



#### Notes

- 1) At 25°C ambient temperature.
- 2) MTBF as per Telcordia SR-332 (I/P: 115Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.