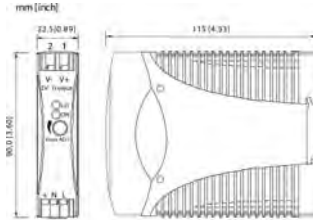


Power supply - regulated, 18 W

Primary switchmode power supply, Single-phase, Class 2
Input: Wide range input AC 90 V - 265 V; DC 120 V - 370 V
Output: 12 V / 15 V / 24 V - adjustable



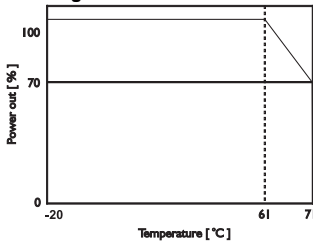
Dimensions



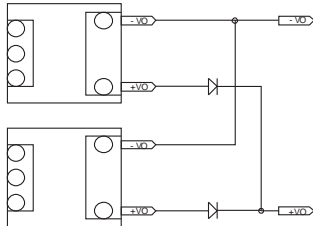
PIN assignment



Derating



Parallel mode



Description	Part-No.	Type	PU	
Spring terminal				
Output voltage/current	DC 12 V; 1.5 A	722767	DRA 18-12	1
	DC 15 V; 1.2 A	722774	DRA 18-15	1
	DC 24 V; 0.75 A	722752	DRA 18-24	1

Input	DRA 18-12	DRA 18-15	DRA 18-24
Nominal voltage		AC 100–240 V	
Operation voltage range	AC 90–265 V / DC 120–370 V		
Line frequency	47 – 63 Hz		
Rated current	U _I = AC 115 V: 200 mA / U _I = AC 230 V: 110 mA		
Inrush current	U _I = AC 115 V: 10 A / U _I = AC 230 V: 18 A		
Internal fuse	T2 A / AC 250 V		
External fuse	Mini-circuit breaker: B 3 A		
Power Factor Correction P.F.C.	–		

Output	DRA 18-12	DRA 18-15	DRA 18-24
Rated voltage output	DC 12 V	DC 15 V	DC 24 V
Rated current output	1.5 A	1.2 A	0.75 A
Max. output current	–		
Peak output current	–		
Voltage trim range	10.8–13.8 V	13.5–17.25 V	21.6–28.8 V
Accuracy	±1 %		
Line regulation	±1 %		
Load regulation	±2 %		
Rise time	1 s		
Temperature coefficient	±0.03 % / °C		
Ripple & Noise	<50 mV		
Hold up time	U _I = 115 V: 20 ms / U _I = 230 V: 75 ms		
Status indication DC ON LED green	≥10.8 V	≥13.5 V	≥21.6 V
Status indication DC LOW LED red	<9–10.8 V	<11.25–13.5 V	<18–21.6 V
Parallel mode	with external diodes		
Efficiency	77 %		
Low power loss	4.65 A (AC 230 V)	4.25 A (AC 230 V)	4.45 A (AC 230 V)
Rated over load protection	110–135 %		
Over voltage protection	125–145 %		
Short circuit characteristics	Hiccup-mode		

General			
Switching frequency	approx. 100 kHz		
Insulation voltage input/output	AC 3.0 kV _{eff}		
Insulation voltage input / ground	AC 1.5 kV _{eff}		
Insulation voltage output / ground	–		
Insulation resistance at DC 500 V	100 MΩ		
Operation temperature range	-20 °C – 70 °C (derating)		
Derating	-3% / °C starting at 60 °C		
Storage temperature range	-25 °C – 85 °C		
M.T.B.F.	797000 h	796000 h	800000 h
Relative humidity	20–95 % RH		
Dimensions (w x h x d) in mm	22.5 x 90.0 x 115.0		
Cooling	Air convection		
Housing material	Plastic		
Field installation	rail TS 35 (EN 50022)		
Application height	2000 m		
Installation position	vertical		
Protection class	IP 20		
Overvoltage category	II		
Pollution degree	2		
Protection class	2		
Weight (kg/piece)	0.150		
Termination	Spring terminal: 0.2–2.0 mm ²		
Approvals	UL: UL 508 listed; cUL: UL 60950-1, UL 1310 Class 2; TÜV: EN 60950-1, CE: EN 50081-1 / EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 50082-1 / EN 55024		

Monitoring	
DC ON Control (Rdy)	LED green/red
Switching voltage	–
Switching current	–
Switching capacity	–
Insulation voltage	–