

## Features

- Universal Input  
90~264V AC / 127~370  
V DC 47/63Hz
- DC Output Adjustable
- Built-in active PFC  
function Protection:  
OLP, OVP, SCP
- 100% full load burn-in  
test
- DIN Rail: TS-35/7.5 & 15

## RS PRO DIN Rail Power Supplies

RS Stock No.: 2840491  
0308416



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## Product Description

DIN Rail Mount AC/DC Power Supply Converter Series are certified to cURus, CE, RoHS & IEC/UL/EN62368 and comply with (EU) 2019/1782, Level VI Efficiency Regulations. These are primarily used in ITE, Audio & Video Industries and customised solutions are available upon request.

## General Specifications

Type	Power Supply
AC or DC Input Voltage	AC
AC or DC Output Voltage	DC
Number of Outputs	1
Special Features	Built-in Active PFC function, Free Air Convection Design
Mounting Type	DIN Rail Mount
Connection Type	Screw terminal type
Short Circuit Protection	Yes
Over Voltage Protection	Yes

## Electrical Specifications

RS Stock#	Input Voltage	Output Voltage	Output Current	Output Wattage	Efficiency (Typ)
2840489	90~264VAC	+ 24V DC	5A	120W	88%
0308415	90~264VAC	+ 48V DC	2.5A	120W	89%

Input Specifications	
Input Electrical Phase	Single
Line Frequency	47-63Hz
Inrush current at 25°C 230V	25 Amps max. at 115VAC/60Hz,full load & 45Amps max. at 240VAC/50Hz,full load
Efficiency (Typ.)	82~89% Depending on Model
Leakage Current	<0.25mA/240VAC
Output Specifications	
Output Voltage Adjustment	+/- 10% Depending on Model
Ripple and Noise	80~150 mV Depending on Model
Rise Time	50ms

Transient Recovery Time	2ms
Hold Up Time	12mS- 30mS depending on model
Line Regulation	± 1%
Load Regulation	± 1%
Isolation Resistance	I/P-O/P:100M Ohms / 500VDC / 25 / 70% RH
MTBF	200k hrs

## Mechanical Specifications

Height	125mm
Depth	113.5mm
Width	163mm
Weight	120g
Dimensions	125 x 113.5 x 163mm
Case Material	Fully Enclosed Plastic Case

## Operation Environment Specifications

Operating Humidity	20% to 90% RH
Operating Temperature Range	-20 to 50°C
Storage Temperature Range	-40 to 80°C

## Approvals

Compliance/Certifications	cURus, CE, RoHS
Standards Met	UL60950-1, UL508, , BSMI CNS14336-1,TUV EN61558-2-16 IEC60950-1, EAC TPTC 004,TUV EN60950-1
Declarations	MFR Declaration of Conformity

