

**RS Stock No.: 0308412**

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- A black, rectangular electronic device, likely a surge protector or power supply unit, is shown from a three-quarter perspective. The device has a blue LED indicator light on top. On the front face, there is a terminal block with four terminals labeled 'N', 'L', and two unlabeled terminals. The device is mounted on a black base.

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## Product Description

DIN Rail Mount AC/DC Power Supply Converter Series are certified to cURus, UKCA, CE, RoHS, REACH & EN 62368-1/IEC 62368-1/UL 62368-1 Standards 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	100% Full Load Burn-In Test / Ultra Slim Design
Mounting Type	DIN Rail Mount
Connection Type	Spring & Screw terminal type
Short Circuit Protection	Yes
Over Voltage Protection	Yes
Indication of Output Voltage	LED, continuous green light

## Electrical Specifications

RS Stock#	Input Voltage	Output Voltage	Output Current	Output Wattage	Efficiency (Typ)
0308412	85~264 VAC	+ 48V DC	0.310A	15W	87%

Input Specifications	
Input Electrical Phase	Single
Line Frequency	47 to 63Hz
Inrush current at 25°C 230V	< 25A
Efficiency (Typ.)	87%
Leakage Current	<0.25mA / 240V ac
Output Specifications	
Output Voltage Adjustment	+/- 10% Depending on Model

Ripple and Noise	240mV
Rise Time	80ms
Fall time	80ms
Transient Recovery Time	2ms
Hold Up Time	80ms/230VAC
Line Regulation	± 1%
Load Regulation	± 1%
Isolation Resistance	Input-Output, @ 500VDC : 100MΩ
Surge Voltage	6kV
MTBF	1000k hrs min

## Mechanical Specifications

Height	90mm
Depth	58mm
Width	18mm
Weight	78g
Dimensions	90 x 58 x 18mm
Case Material	Plastic

## Operation Environment Specifications

Operating Humidity	20% to 90% RH
Operating Temperature Range	-20 to 50°C
Storage Temperature Range	-40 to 80°C
Vibration Resistance	Mounting on rail : 10-500 Hz, 2G, along X, Y,Z each Axis, 60 min for each Axis

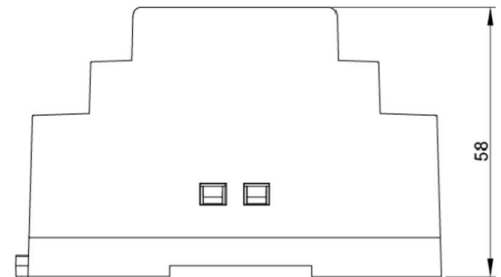
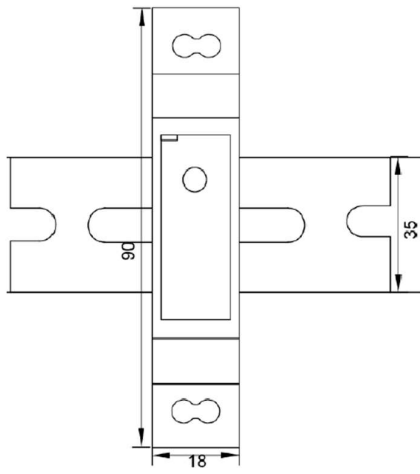
## Protection Category

IP Rating	IP20
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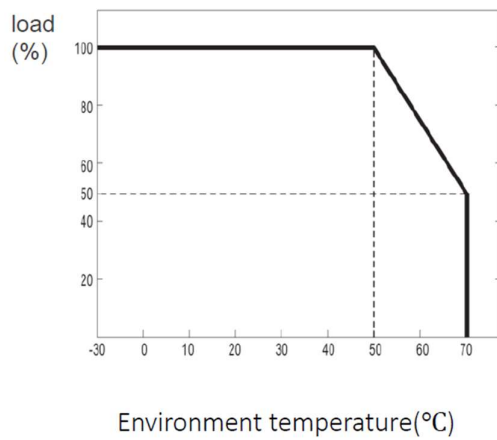
## Approvals

Compliance/Certifications	cURus, UKCA, CE, RoHS, REACH
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

## ■ Dimensions and Installation:



## ■ Deduction curve and temperature:



## ■ Minus output and input voltage curves:

