

## FEATURES

- Primary voltage rating of 230V
- Secondary voltage rating of 12V or 24V
- Power rating of 24 – 75VA
- Mounted at DIN rail or wall
- One fused output
- Input circuit thermally protected
- Operating frequency of 50/60Hz
- Maximum temperature of 120°C
- Protection class IP20
- For  $t_a$  40°C

## RS PRO M36 DIN Rail Series Transformers



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

The class II single phase transformers with integrated screw terminals and DIN rail or panel mounting. TS35 mounts in modular enclosures are designed according to the following specifications.

- High quality safety isolating transformers designed for use in general applications.
- Standard primary winding 230VAC.
- Designed for continuous load.
- Detailed product specification on permanent label.
- High efficiency, low regulation design
- 100% electrical and flash tested
- Protected against short circuit and overload

## General Specifications

<b>Number of Outputs</b>	1
<b>Output Protection Type</b>	Against short circuit and overload
<b>Applications</b>	Household applications, Smart Home, industrial machinery, medical equipment, telecommunications equipment

## Mechanical Specifications

<b>Mounting Type</b>	DIN Rail Mount or Wall Mount
<b>Length</b>	70 – 159.2mm
<b>Width</b>	90mm
<b>Depth</b>	63.2mm
<b>Weight</b>	0.6 – 1.8kg

## Electrical Specifications

<b>Power Rating</b>	24 - 75VA
<b>Primary Voltage Rating</b>	230V ac
<b>Secondary Voltage Rating</b>	12V or 24V
<b>Isolation</b>	4kV RMS
<b>Temperature Class</b>	E (120°C)

Input Data	
Rated Input Voltage	230VAC
Switch-On Time	100%
Minimum Operating Frequency	50Hz
Maximum Operating Frequency	60Hz

Output Data	
Rated Output Voltage	12V or 24V ac
Rated Power	24 - 75VA

## Protection Category

IP Rating	IP20
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## Approvals

Declarations	MFR Declaration of Conformity
Compliance	RoHS, CE
Standards Met	IEC/BS/EN 61558-1 AS/NZS 61558.1 IEC/BS/EN 61558-2-6 AS/NZS 61558.2.6

## Order Details

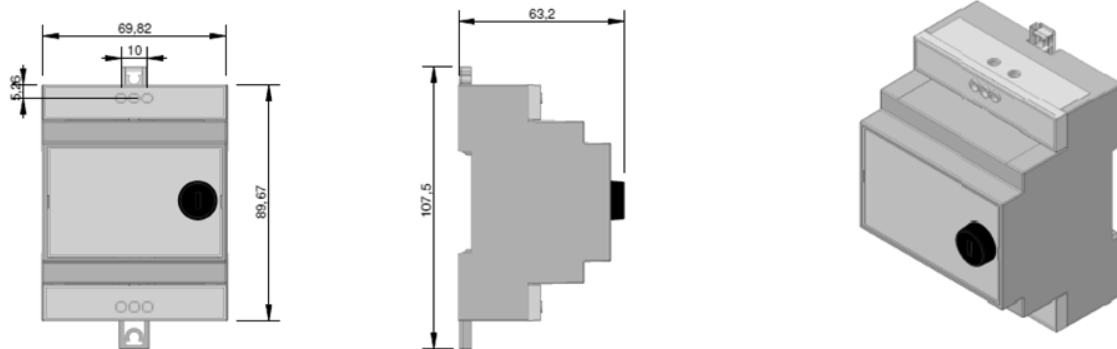
RS Stock number	Power VA	Specification	No-load voltage	According to
8055308	24	M36 DIN Rail Series, 12V, in 4 modules box	14.4V*	IEC61558-2-6
8055317	24	M36 DIN Rail Series, 24V, in 4 modules box	28.8V	IEC61558-2-6
8055314	35	M36 DIN Rail Series, 24V, in 5 modules box	27.6V	IEC61558-2-6
8055304	75	M36 DIN Rail Series, 12V, in 9 modules box	13.8V	IEC61558-2-6
8055323	75/63/50	M36 DIN Rail Series, 24V, in 9 modules box	27.6V**	IEC61558-2-6

\*) App. 12.6 V at 18 VA and 12.0 V at 24 VA load.

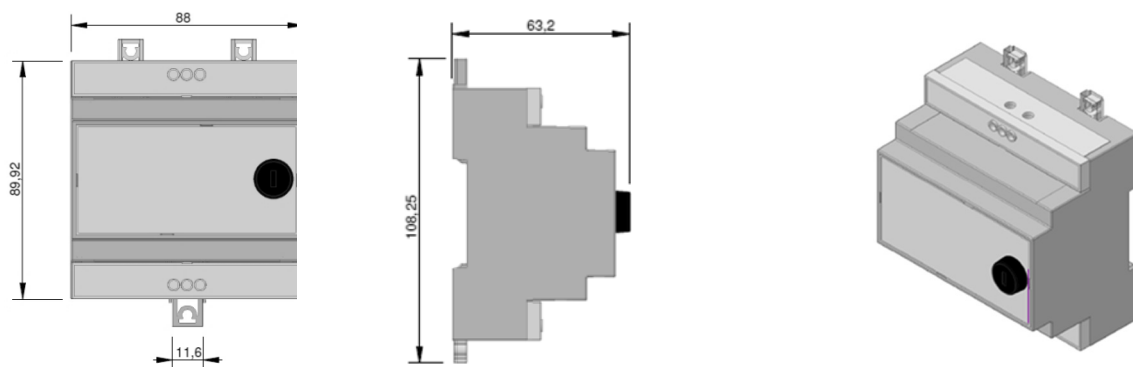
\*\*) App. 25.2 V at 50 VA, 24.6 V at 63 VA and 24.0 V at 75 VA load.

## Mechanical Drawings

Dimensions in mm for 4 Modules box:



Dimensions in mm for 5 Modules box:



Dimensions in mm for 9 Modules box:

