

## Features

- High switching speed
- Low control power
- RC filter protection for AC models
- Zero-crossing switching
- VDE and CE certification

## RS PRO Solid State Relays

Stock No: 0677061



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

Solid state relays are electronic switching device. These devices don't have any moving parts. A solid state relay switches power (AC or DC) to the load circuits and provides electrical insulation between the control and the load.

It is important to remember that solid state relays have a high switching frequency that allows a very high degree of accuracy. Moreover, solid state relay has a long service life 300 times longer than an electromechanical relay.

This product **600903** is one phase until 13A in DC.

## General Specifications

<b>Model Number</b>	0677061
<b>Output current</b>	13 A
<b>Load voltage range</b>	5 – 60 VDC
<b>Operating Temperature</b>	-20°C..... +80°C
<b>Storage Temperature</b>	-40°C..... +100°C
<b>Surge Protection</b>	YES
<b>Relative humidity</b>	95% non-condensing
<b>Insulation</b>	YES
<b>Mounting</b>	PCB or with interface

## Mechanical Specifications

<b>Width</b>	33.1 mm (25.1 mm without pin)
<b>Length</b>	43.1 mm
<b>Depth</b>	10.7 mm

## Electrical Specifications

Maximum block voltage	60 VDC
Output voltage drop	1 VDC
Minimum working current	60 mA
Control current range	3 ÷ 32 mA
Nominal control current	22.5 mA ±10% Vin=24 VDC
Control pick-up voltage	3 VDC
Control drop-out voltage	< 2.5 VDC
Turn on time	100 µs
Turn off time	1 ms
Isolation voltage AC, 1min	4 kV

## Protection Category

IP rating	20
-----------	----

## Approvals

Compliance/Certifications	CE/UKCA, cURus
Hazardous Area Certification	ROHS-3