225265

Industrial automation components

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Manufacturer	Omron
Catalog number	225265
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Omron
Part Number	225265
Product Type	Relay
Contact Configuration	SPDT
Max Operating Current	6A
AC Contact Rating	6A at 250VAC
DC Contact Rating	6A at 30VDC
Coil Voltage	230VAC
Must Operate Voltage	184VAC
Must Release Voltage	23VAC
Typ montażu	DIN Rail
Dimensions	106.7mm x 6.2mm x 88.9mm

Description

The Omron 225265, also known as the G2RV-SL500 230VAC, is a slim-profile general-purpose relay designed for efficient and reliable switching in industrial automation applications. This relay features a Single Pole Double Throw (SPDT) contact configuration, allowing for versatile control of electrical circuits. It is rated for a maximum operating current of 6A, with contact ratings of 6A at 250VAC and 6A at 30VDC, ensuring robust performance across various load conditions. The relay operates with a coil voltage of 230VAC, with a must-operate voltage of 184VAC and a must-release

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voltage of 23VAC, providing stable operation within specified voltage ranges. Designed for DIN rail mounting, the G2RV-SL500 230VAC relay offers easy integration into control panels and automation systems. Its compact dimensions of 106.7mm in length, 6.2mm in width, and 88.9mm in height make it suitable for applications where space is limited. The relay is constructed with a contact material of Silver Tin Indium (AgSnIn), ensuring durability and reliable electrical conductivity. It operates within a temperature range of -40°C to 55°C, making it suitable for diverse environmental conditions. The G2RV-SL500 230VAC relay is part of Omron's G2RV series, known for its slim design and efficient performance, making it an ideal choice for applications requiring reliable switching in confined spaces.