3RT10546NP380PA5

Industrial automation components

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Manufacturer	Siemens
Catalog number	3rt10546np380pa5
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

AC Control Voltage	200-277 V
DC Control Voltage	200-277 V
AC-3 Rated Current	115 A
AC-3 Rated Power	55 kW
Minimum Ambient Temperature	-25 °C
Maximum Ambient Temperature	60 °C
Contactor Size	S6

Description

The Siemens 3RT10546NP380PA5 is a robust power contactor designed for industrial automation applications. Operating at AC-3e/AC-3 ratings, it handles up to 115 A and 55 kW at 400 V AC, suitable for 50-60 Hz operations.

This 3-pole contactor is compatible with both AC and DC control voltages ranging from 200 to 277 V, offering versatility in various settings. It features two normally open (NO) and two normally closed (NC) auxiliary contacts, facilitating integration with solid-state devices.

The electronic drive mechanism includes a 24 V DC PLC interface, enhancing control and monitoring capabilities. Designed for busbar connections, it ensures efficient power distribution. With an ambient operating temperature range of -25 to +60 °C, it is built to perform reliably in diverse environmental conditions.

The contactor's compact S6 size allows for flexible installation in space-constrained areas. This model is ideal for applications requiring reliable motor control and protection in industrial environments.

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