

## 6AV6545-0BA15-2AX0

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6av6545-0ba15-2ax0
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.30 kgs
<b>Current</b>	170 A
<b>Manufacturer</b>	Siemens
<b>Relay Specifications</b>	170 A
<b>Display Type</b>	STN, 4 Blue Levels
<b>Display Size</b>	5.7 inches in
<b>Resolution</b>	320 x 240 pixels
<b>Processor Type</b>	32-bit RISC
<b>Memory</b>	320 kbyte
<b>Interfaces</b>	TTY (optional), RS 232, RS 422, RS 485
<b>Supply Voltage</b>	24 V DC
<b>Current Consumption</b>	0.24 A
<b>Mounting Position</b>	Vertical
<b>Dimensions</b>	212 x 156 x 45 mm
<b>Weight</b>	0.7 kg
<b>Protection Rating</b>	IP65 front, NEMA 4 when installed

## Description

The Siemens 6AV6545-0BA15-2AX0 is a 5.7-inch SIMATIC Touch Panel TP170A designed for industrial automation applications. It features a blue-mode STN display with a resolution of 320 x 240 pixels, providing clear and reliable visual feedback for operators. The touch screen is analog and resistive, ensuring precise input control. Connectivity options include TTY (optional), RS 232, RS 422, and RS 485 interfaces, supporting data transfer rates up to 1.5 Mbit/s. The device operates on a 24 V DC supply voltage and has a current consumption of 0.24 A. It is equipped with a 32-bit RISC processor and offers 320 kbyte of memory for user data storage. The touch panel is designed for vertical mounting and has dimensions of 212 mm in width, 156 mm in height, and 45 mm in depth, with a weight of 0.7 kg. It is built to withstand industrial environments, featuring an IP65 front protection rating and NEMA 4 classification when installed. The device is certified with CE, FM Class I Div. 2, UL, CSA, cULus, and NEMA 4 standards, ensuring compliance with various industrial safety and quality standards.