

## 3HAB8101-3

Industrial automation components

<b>Manufacturer</b>	Abb
<b>Catalog number</b>	3hab8101-3
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Voltage</b>	262 V
<b>Current</b>	23 - 95 A
<b>Chemical Composition</b>	T0: 95 %
<b>Signal Type</b>	453
<b>Signal Level</b>	453 V
<b>Manufacturer</b>	Abb

### Description

The ABB 3HAB8101-3, also known as DSQC345C, is a high-performance rectifier unit designed for ABB S4C and S4C+ robotic controllers. It efficiently converts AC power into stable DC power, ensuring reliable operation of industrial robots in automation systems. This rectifier unit is essential for maintaining consistent power delivery, enhancing the efficiency and reliability of ABB industrial robots. Key specifications include an input voltage of 262 V, output voltage of 453 V, and a current range of 23 - 95 A. The chemical composition is T0: 95%. The unit weighs approximately 3.68 kg, facilitating easy integration into existing robotic systems. Applications span across various industrial automation sectors, including manufacturing, material handling, welding, painting, automotive, and aerospace manufacturing, where consistent and reliable power supply is crucial for optimal robot performance.