

1SBL136060R2110

Industrial automation components

Manufacturer	Abb
Catalog number	1sbl136060r2110
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	3-Pole Contactor
Rated Operational Voltage (AC)	690 V
Rated Operational Voltage (DC)	220 V
Control Voltage Range	24-60 V 50/60 Hz and 20-60 V DC
Compliance Standards	IEC 60947-4-1, IEC 60947-5-1, IEC 60077-1/-2, EN 50155

Description

The ABB 1SBL136060R2110, also known as AF09ZB-30-10RT-21, is a 3-pole contactor designed for controlling 3-phase motors and power circuits up to 690 V AC and 220 V DC. It features a built-in auxiliary contact and ring-tongue terminals, making it suitable for applications requiring compact installations and compliance with railway rolling stock standards. The contactor operates within a wide control voltage range of 24-60 V 50/60 Hz and 20-60 V DC, effectively managing large control voltage variations and reducing panel energy consumption. It also includes built-in surge protection, enhancing its reliability in unstable networks. The AF09ZB-30-10RT-21 complies with IEC 60947-4-1, IEC 60947-5-1, IEC 60077-1/-2, and EN 50155 standards, ensuring durability and performance in demanding environments. Its compact design allows for side-by-side mounting, reducing installation width by 15% without spacing, and it operates efficiently in temperatures ranging from -40 °C to +70 °C.