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3WL1-106-3CB32-1AJ2-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	3wl1-106-3cb32-1aj2-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Fixed-Mounted Circuit Breaker
Brand	Siemens
Part Number	3WL1 106-3CB32-1AJ2-Z
Continuous Current	1,600 A
Voltage Rating	690 V AC
Short-Circuit Rating (Icu)	66 kA at 500 V
Overcurrent Release	ETU 25 LSI
Adjustable Trip Range	0.4-1 times rated current
Manual Operating Mechanism	With storage and mechanical trip indication
Auxiliary Switch Configuration	2NO+2NC

Description

The Siemens 3WL1 106-3CB32-1AJ2-Z is a fixed-mounted, three-pole circuit breaker designed for industrial applications requiring reliable overcurrent protection. This model is part of Siemens' 3WL series, known for their robust performance and versatility in various electrical distribution systems.

The circuit breaker is rated for a continuous current of 1,600 A and operates effectively within a voltage range up to 690 V AC at 50/60 Hz. It offers a short-circuit withstand rating (Icu) of 66 kA at 500 V, ensuring high fault tolerance.

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The overcurrent release is equipped with an ETU 25 LSI protection, adjustable between 0.4 and 1 times the rated current, providing tailored protection settings. The device features a manual operating mechanism with storage and mechanical trip indication, enhancing operational safety and maintenance efficiency.

Additionally, it includes a 2NO+2NC auxiliary switch configuration, facilitating integration with control and signaling systems. This circuit breaker is suitable for applications in power distribution panels, industrial machinery, and other settings where dependable circuit protection is essential.