3VL1706-2DD33-0AA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	3vl1706-2dd33-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	3VL1706-2DD33-0AA0
Product Type	Circuit Breaker
Series	SENTRON 3VL
Number of Poles	3
Rated Current	63A
Breaking Capacity (Icu)	70kA
Rated Operational Voltage	690V
Insulation Voltage	800V
Surge Voltage Resistance	8kV
Protection Class	IP20

Description

The Siemens 3VL1706-2DD33-0AA0 is a high-capacity circuit breaker designed for industrial applications requiring robust protection. Part of the Siemens SENTRON 3VL series, this 3-pole breaker offers a rated current of 63A and a breaking capacity (Icu) of 70kA at 415V AC, ensuring reliable operation in demanding environments.

It features an electronic trip unit (TM) with an LI characteristic, providing overload protection up to 600A and short-circuit protection without auxiliary releases or alarm switches. The breaker is housed in a 3VL1 size frame, suitable for system protection applications.

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Its mechanical endurance is rated for 20,000 operating cycles, and it can handle an operating frequency up to 120 operations per minute. The device is rated for a maximum operational voltage of 690V and an insulation voltage of 800V, with a surge voltage resistance of 8kV.

The protection class is IP20, indicating suitability for indoor use. This circuit breaker is ideal for safeguarding electrical circuits in industrial settings, offering high performance and durability.

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