AUTOMATION TRADER

1SDA100389R1

Industrial automation components

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Manufacturer	Abb
Catalog number	1sda100389r1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	ABB
Part Number	1SDA100389R1
Product Type	Molded Case Circuit Breaker
Series	SACE Tmax XT
Rated Current	630 A
Voltage Range	220–690 V
Trip Unit	TMA thermomagnetic release
Adjustable Instantaneous Magnetic Trip Range	3,150–6,300 A
Connection Type	Bolt connection
Stopień ochrony	IP20

Description

The ABB 1SDA100389R1 is a high-performance molded case circuit breaker (MCCB) from the SACE Tmax XT series, designed for reliable protection in low-voltage power distribution systems. This 4-pole breaker features a rated current of 630 A and is equipped with a TMA thermomagnetic trip unit, offering both thermal overload and magnetic short-circuit protection. Its adjustable instantaneous magnetic trip range spans from 3,150 A to 6,300 A, providing flexible protection for demanding electrical networks. The device operates within a voltage range of 220–690 V and utilizes a bolt connection for the main current circuit. With an IP20 degree of protection, it ensures safety and durability in various industrial applications. The ABB 1SDA100389R1 is suitable for protecting

transformers, generators, and other critical electrical installations, ensuring operational reliability and safety.

AUTOMATION TRADER

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