C4044B400

Industrial automation components

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Manufacturer	Schneider Electric
Catalog number	c4044b400
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Electronic Trip Unit
Product Family	ComPacT NSX
Rated Operational Voltage	440V AC V
Nominal Current Rating	400A at 40°C A
Number of Poles	4P
Earth Leakage Protection	Integrated, Class A
Earth Leakage Sensitivity	Adjustable from 0.3A to 10A
Mounting Mode	Fixed
Thermal Memory Function	20 minutes before and after tripping

Description

The Schneider Electric C4044B400 is an electronic trip unit designed for the ComPacT NSX400/630 circuit breakers, offering comprehensive protection features for industrial applications. This 4-pole, 4-wire unit is rated for a nominal current of 400A at 40°C, ensuring reliable performance in demanding environments. It integrates adjustable long-time protection against overloads, adjustable short-time protection, and fixed instantaneous protection against short circuits, enhancing system reliability. Additionally, the unit includes integrated adjustable earth leakage protection, classified as Class A, with adjustable sensitivity settings ranging from 0.3A to 10A, providing robust safety measures against ground faults. The device operates at a rated operational voltage of 440V AC, compatible with 50/60 Hz networks, and is designed for fixed mounting. Its thermal memory function retains data for 20 minutes before and after tripping, aiding in diagnostics and maintenance. The C4044B400 is part of Schneider Electric's ComPacT NSX series, known for its advanced

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protection capabilities and adaptability to various industrial applications.

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