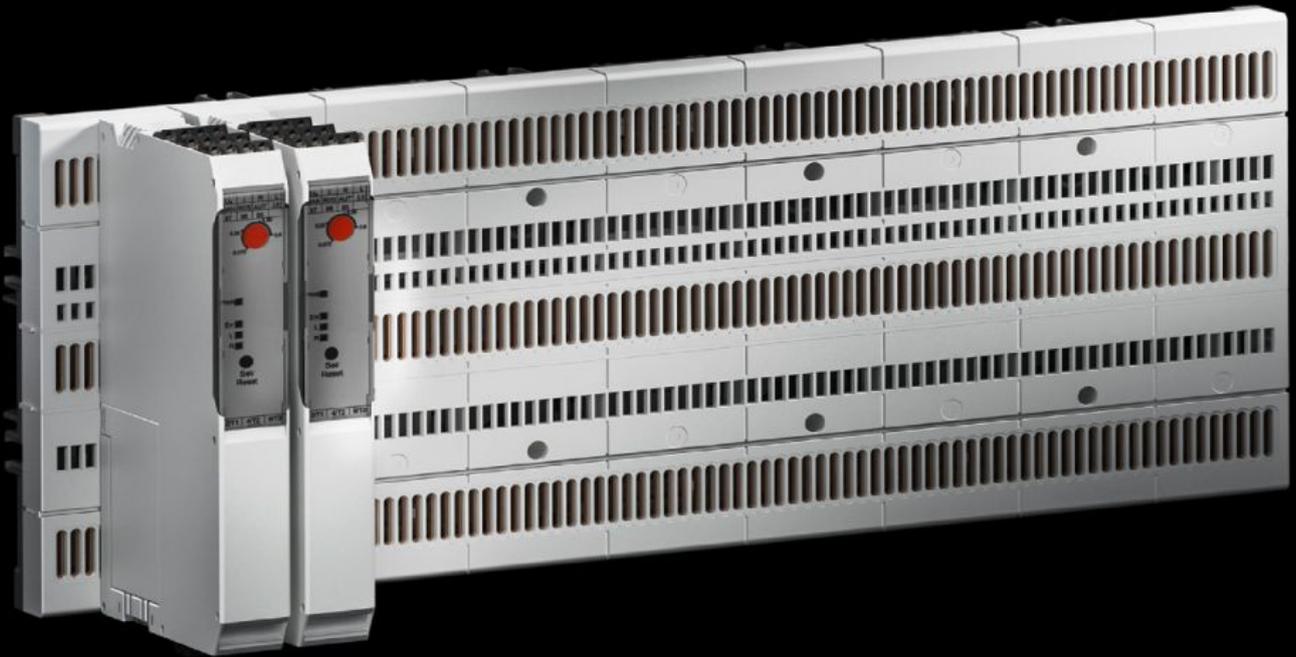


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SV 9635.425 Motor control unit

State: 3/5/2026 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SV 9635.425 - Motor control unit 3-pole

For controlling motors as direct or reversing starter with integral overload protection.

Features

Model No.	SV 9635.425
Function principle	For controlling motors as direct or reversing starter with integral overload protection The hybrid technology used allows for frequent switching with no wear by means of semiconductors During operation, mechanical contacts ensure low power loss Space-saving design due to low structural width
Material	Polyamide Fire protection corresponding to UL 94-V0
Color	RAL 7035
Power loss max.	12 W 41 BTU/h
Safety Integrity Level (SIL) IEC 61508 - Motor protection	2
Safety Integrity Level (SIL) IEC 61508 - safe shutdown	3
Rated operating voltage	500 V (AC), 3~, 50 Hz/60 Hz
Rated current max.	9 A
Note	The technical data may vary for UL applications.
Dimensions	Width: 22.5 mm Height: 160 mm Depth: 114 mm Width: 0.89 " Height: 6.3 " Depth: 4.49 "
Connection of round conductors	0.14 - 2.5 mm ²
Adjustable current monitoring	1.5 - 9 A

Features

Packaging unit	1 pc(s).
Customs tariff number	85371091
ETIM 9	EC002572
ECLASS 8.0	27370804
Product description	SV motor controller 9 A, 500 V, 50/60 Hz, 3-pole, round conductor connection 0.14 – 2.5 mm ² , WH: 22.5 x 160 mm

Approvals

Approvals	UL + C-UL (listed)
Explanations	Declaration of conformity