

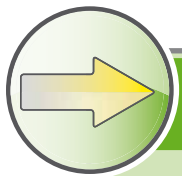
# COMPACT

## SURGE LIMITER FOR MOTORS

### MOTOR SUPPRESSION FOR SIEMENS CONTACTORS 3RT201 (SIZE S00)

Murrelektronik offers a new module for motor suppression that can be directly snapped onto the S00 contactor (Siemens Sirius Innovation Family with spring clamp terminals). This module saves space in the control cabinet that can be now used for other components.

The suppressor is listed in UL file E338196 Vol.1 Sec.1 as motor controllers, magnetic component, and it is approved for applications in the load circuit – 'Branch Circuit'.



#### ATTRACTIVE ATTRIBUTES

- **Increases the motor's life (protects from coil short circuits)**
- **Reduces electromagnetic emissions**
- **Can be fully integrated into the S00 series with spring clamp terminals**
- **Comprehensive approvals**
- **Can be integrated into Sirius 3RV2 supply systems**

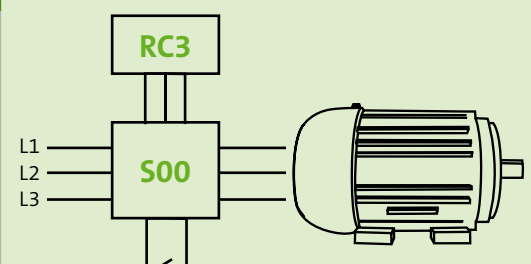
#### SELLING FEATURES

- Easy mounting without tools
- Fully potted
- 1000 V wires with ferrule ends
- Saves space in the control cabinet
- RC suppression for motor rating up to 7.5 kW, 3x575 V

#### EVEN SAFER

Murrelektronik's motor suppression is directly mounted on the Siemens contactor. The suppressor connections are simply wired in parallel to the motor connection. The suppressor module protects motors from high inductive voltage spikes when switching off. At the same time, it increases the contactor's contact life and the system is installed in compliance with EMC, without causing electromagnetic interference with other neighboring equipment.

#### DIAGRAM



## ORDERING DATA

### RC 3 BUC-RC-3x575/7.5



Ordering data		Art.-No.
RC 3 BUC-RC-3x575/7.5		23220
Electrical data		
Operating voltage	max. 3x575 VAC	
Frequency	50/60 Hz	
Switch off voltage spike	1.2...1.8 x UN	
Max. motor rating/	5.5 kW/approx. 1.0 Hz	
Switching frequency	7.5 kW/approx. 0.1 Hz	
Suppressor type	RC in star connection	
Mechanical data		
Housing	plastic, flame retardant (UL 94-V0)	
Wiring method	70 +/- 5 mm UL wires AWG 14 with ferrule ends	
Mounting method	snaps onto Siemens contactor Sirius 3RT201 with spring clamp connection; (also in connection with Siemens supply system 3RT201)	
Dimensions (without wires)	17 mm x 43 mm x 40 mm	
Weight	approx. 48 g	
Ambient temperature	-20...+60 °C	
Approvals		
CE	acc. to RoHS directive 2011/65/EU	
UL	UL508, categories NLDX2, NLDX8, File E338196	

## PERFECTLY COMBINED WITH...



### SUPPRESSORS FOR CONTACTORS

### SIEMENS

Art.-No.	Voltage	Suppression	Approval
2000-68500-110 0000	24...240 V DC	Diode	UL+CSA
2000-68500-441 0000	24 V AC/DC	VDR+LED	UL+CSA
2000-68500-741 0000	110 V AC/DC	VDR+LED	UL+CSA
2000-68500-730 0000	110 V AC/DC	RC	UL+CSA
2000-68500-247 0000	230 V AC/DC	VDR+LED	UL+CSA



For more information about  
Murrelektronik suppressors see:  
[www.murrelektronik.com](http://www.murrelektronik.com)

Or simply scan the QR code...