COMPACT



ACTIVE BRAKE RECITIFIERS

07 | 2010

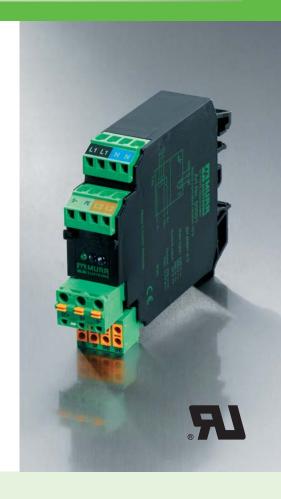


Connect DC brakes easier with Murrelektronik's active brake rectifiers.

Now the contactor and rectifier modules are combined!

So far, brake components were installed seperately: in the control cabinet and on the motor's terminal board. But now, with Murrelektronik's active brake rectifiers, both parts included in one compact component! The DC brakes are directly controlled from the control cabinet.

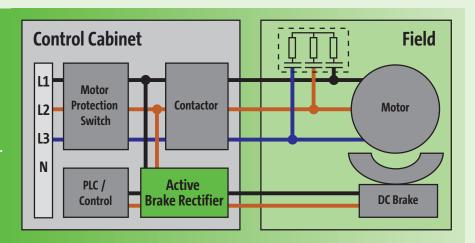
The active brake rectifiers receive a signal from the PLC via a 24 V DC control input. A semiconductor switch that never wears out controls the rectified output voltage of the brake.



USING ACTIVE BRAKE RECITIFIERS

Conventional solutions include a switching device in the control cabinet and a rectifier module on the motor's terminal board.

Murrelektronik's active brake rectifiers replace both components.



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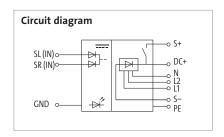
THE OPTIMUM SOLUTION FOR CONTROLLING DC BRAKES

- For all standard mains voltages
- Direct control via PLC
- Very short switch-off times because of direct current switching
- Suppression for the brake
- Spring clamp terminals
- Status LED

TECHNICAL OVERVIEW

Active Brake Rectifier





Terminal	Function	
L1, L2, N	Supply inputs	
SL, SR, GND	Control inputs	
S+	Switched output	
DC+	Unswitched output	
S-	Referenced potential output	
PE	earth	
Input voltage	Output voltage	Terminal configuration
230 V AC ± 15% / 50 Hz	205 V D C	L1 – N
400 V AC ± 15% / 50 Hz	180VDC	L1 – L2
480 V AC ± 15% / 60 Hz	215VDC	L1 – L2
Technical Data		
Control input	24 V DC	
Output current for the brake	0.75 A	
Connections	Spring clamp terminals	
Display	green LED	
Temperature range	055°C	
Approvals	UL, CE	
Mounting method	DIN rail mounting	
Dimensions H x W x D	75 x 22.5 x 115 mm	



Please contact us for individual consultation.