

Installation and Service Instructions for Stearns AAB Quad Voltage Rectifier

Important

Please read these instructions carefully before installing, operating, or servicing your Stearns brake and rectifier. Failure to comply with these instructions could cause injury to personnel and/or damage to property if the brake is installed or operated incorrectly. For definition of limited warranty/liability, contact Rexnord Industries, Inc., Stearns Division, 5150 S. International Dr., Cudahy, Wisconsin 53110, (414) 272-1100.

OEM's and subsystem suppliers, please forward these instructions with your components to the final user.

Caution

1. Servicing shall be in compliance with applicable local safety codes including Occupational Safety and Health Act (OSHA). All wiring and electrical connections must comply with the National Electric Code (NEC) and local electric codes in effect.
2. To prevent an electrical hazard, disconnect power source before working on the brake. If power disconnect point is out of sight, lock disconnect in the *off* position and tag to prevent accidental application of power to system.
3. Maximum operating ambient temperature for these rectifiers should not exceed 65°C (150° F).
4. Refer to specific brake Installation and Service Instructions for proper mounting of brake.

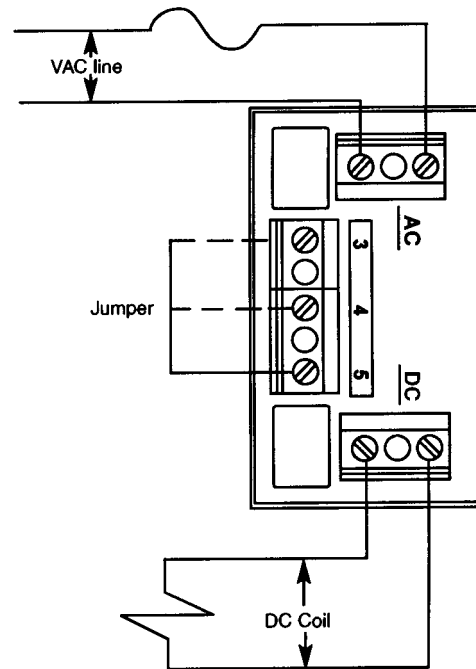
Wiring

1. Connect coil leadwires to DC side of the rectifier. (Polarity does **not** matter.)
2. Connect line voltage to AC side of the rectifier.
3. Jumper per Table 1 for output voltage required.

Table 1

Input Voltage	Jumper	Output Voltage
115 vac	3 to 5	50 vdc
115 vac	4 to 5	103 vdc
230 vac	3 to 5	103 vdc
230 vac	4 to 5	207 vdc
460 vac	3 to 5	207 vdc
460 vac	4 to 5	414 vdc
575 vac	3 to 5	259 vdc
575 vac	4 to 5	517 vdc

Note: 50-517 vdc output voltage @ 800mA; fuse at 1 amp normal blow fuse, of appropriate voltage rating, in series with AC input terminal.



Half wave/full wave Rectifier Kit #4-1-20491-01K