

NO – Normally Open
 NC – Normally Closed
 When Not Energized

"D" – Relays

State Coil Voltage

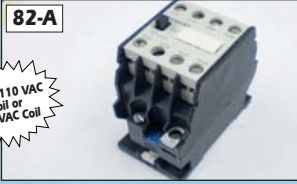
- 110 Volt AC Typical U.S.
- 220 Volt AC Typical European
- 24 Volt DC/AC

Secondary Voltage
 Determines Coil Voltage
 See Below

3TH-80 or 40

3RH-80 or 40

Siemens 4 Pole / 4 Contacts



Check 110 VAC
 Coil or
 220 VAC Coil

4/0 4 NO
 0 NC



Check 110 VAC
 Coil or
 220 VAC Coil

2/2 2 NO
 2 NC



Check 110 VAC
 Coil or
 220 VAC Coil

3/1 3 NO
 3 NC



82-Y
 Tagged Coil Voltage
 Siemens

3TH-82 or 42

3RH-82 or 42

Siemens 8 Pole / 8 Contacts



Check 110 VAC
 Coil or
 220 VAC Coil

8/0 8 NO
 0 NC



Check 110 VAC
 Coil or
 220 VAC Coil

6/2 6 NO
 6 NC



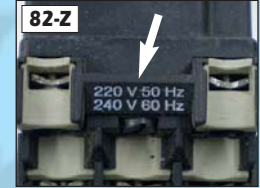
Check 110 VAC
 Coil or
 220 VAC Coil

4/4 4 NO
 4 NC



Check 110 VAC
 Coil or
 220 VAC Coil

5/3 5 NO
 3 NC



82-Z
 Tagged Coil Voltage
 Typically Klockner Muehler

3TH-83 or 43

3RH-83 or 43

Siemens 10 Pole / 10 Contacts



Check 110 VAC
 Coil or
 220 VAC Coil

8/2 8 NO
 2 NC



Check 110 VAC
 Coil or
 220 VAC Coil

5/5 5 NO
 5 NC



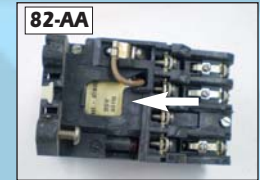
Check 110 VAC
 Coil or
 220 VAC Coil

7/3 7 NO
 3 NC



Check 110 VAC
 Coil or
 220 VAC Coil

6/4 6 NO
 4 NC



82-AA
 Old Coil Version

Measure across
 wire points
a+b = secondary voltage

Stepping Relays



Check 110 VAC
 Coil or
 220 VAC Coil

3TF 2 IOE 4/0 4 NO
 0 NC



Check 110 VAC
 Coil or
 220 VAC Coil

2/2 2 NO
 2 NC



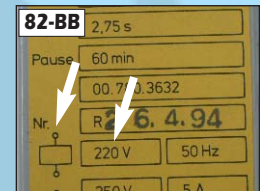
Check 110 VAC
 Coil or
 220 VAC Coil

DILR 62
 6 NO
 2 NC



Check 110 VAC
 Coil or
 220 VAC Coil

DILR 80
 8 NO
 0 NC



82-BB
 Coil Diagram

Klockner Moehler – late



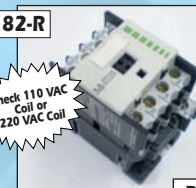
Check 110 VAC
 Coil or
 220 VAC Coil

DILR 40
 4 No
 0 NC



Check 110 VAC
 Coil or
 220 VAC Coil

DILR 31
 3 NO
 1 NC



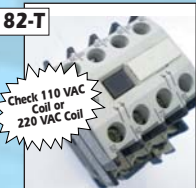
Check 110 VAC
 Coil or
 220 VAC Coil

DILR 22
 2 No
 2 NC



Check 110 VAC
 Coil or
 220 VAC Coil

DILR 04
 0 NC
 4 NC



Check 110 VAC
 Coil or
 220 VAC Coil

DILR 44
 4 NO
 4 NC

Various Klockner Moehler – early – Call – leftover stock



Check 110 VAC
 Coil or
 220 VAC Coil

DIL 00-40
 22
 31

**Sell Us Your
 Surplus
 Relays – Contactors**



Check 110 VAC
 Coil or
 220 VAC Coil

DIL 006-40
 22
 31



Check 110 VAC
 Coil or
 220 VAC Coil

8/0
 4/4
 6/2
 5/3



82-DD
 Coil Voltage
 "NOT" labeled here