Pilot Operated 2 Port Solenoid Valve for Dry Air

**VQ20/30 Series**

- **Compact and lightweight with large flow capacity**
  - | Weight (g) | C [dm³/(s·bar)] |
  - | VQ20 | 46 | 1.5 (C8) |
  - | VQ30 | 80 | 3.0 (C12) |

- **High frequency operation possible**
  - High speed response 7 ms or less (VQ20), 20 ms or less (VQ30)
  - (High speed response type without light/surge voltage suppressor at the supply pressure of 0.5 MPa)

- **Long operating life**

- **Easy piping with One-touch Fittings**

- **Dusttight low jetproof enclosure (IP65) compliant in DIN terminal type.**

- **Application: Air-blow, Blow-off of workpiece, etc.**
2 Port Solenoid Valve

VQ20/30 Series

Single Unit

How to Order Valves

Series/Orifice diameter

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>VQ20</td>
</tr>
<tr>
<td>3</td>
<td>VQ30</td>
</tr>
</tbody>
</table>

Valve type

N.C. 2 (OUT)

When the valve is closed, flow is blocked from port 1 to port 2. However, if the pressure in port 2 is higher than port 1, the valve will not be able to block the fluid and it will flow from port 2 to port 1.

Body type

A: Single unit

M: For manifold

Coil voltage

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>100 VAC (50/60 Hz)</td>
</tr>
<tr>
<td>2</td>
<td>200 VAC (50/60 Hz)</td>
</tr>
<tr>
<td>3</td>
<td>110 VAC (50/60 Hz)</td>
</tr>
<tr>
<td>4</td>
<td>220 VAC (50/60 Hz)</td>
</tr>
<tr>
<td>5</td>
<td>24 VDC</td>
</tr>
<tr>
<td>6</td>
<td>12 VDC</td>
</tr>
<tr>
<td>9</td>
<td>Other special voltage</td>
</tr>
</tbody>
</table>

Note 1) Please consult with SMC for special voltages.

Note 2) There is polarity for DC voltage (with power-saving circuit type).

Electrical entry

G: Grommet

Y: DIN terminal

YO: DIN terminal without connector

Electricity circuit

Symbol | DC voltage | AC voltage |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Nil</td>
<td>With power-saving circuit (With surge voltage suppressor protection circuit)</td>
<td>With wave rectifier circuit (With surge voltage suppressor protection circuit)</td>
</tr>
<tr>
<td>Z</td>
<td>With power-saving circuit (With light/surge voltage suppressor protection circuit)</td>
<td>With wave rectifier circuit (With light/surge voltage suppressor protection circuit)</td>
</tr>
<tr>
<td>H</td>
<td>High speed response type (Without energy-saving, light/surge voltage suppressor protection circuit)</td>
<td></td>
</tr>
</tbody>
</table>

Note 1) Please contact SMC for special voltages.

Note 2) There is polarity for DC voltage (with power-saving circuit type).

Oil-free specifications

VQ₂³⁻¹ M1—□□□□— □□□ — □ — X2(-Q)

Note) Please consult with SMC when using. Not available for manual operation.

Seal material fluororubber specifications

VQ₂³⁻¹ M1— □□□□ □□□□ — □ — X5(-Q)

Seal material fluororubber/oil-free specifications

VQ₂³⁻¹ M1— □□□□ □□□□ — □□□□ — X23(-Q)

Note) Not available for manual operation.
### Standard Specifications

<table>
<thead>
<tr>
<th>Series</th>
<th>VQ20</th>
<th>VQ30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valve construction</td>
<td>2 port poppet pilot operated</td>
<td></td>
</tr>
<tr>
<td>Fluid</td>
<td>Air (Note 1)</td>
<td></td>
</tr>
<tr>
<td>Ambient and fluid temperature</td>
<td>–10 to 50°C (Note 2)</td>
<td></td>
</tr>
<tr>
<td>Lubrication</td>
<td>Not required</td>
<td></td>
</tr>
<tr>
<td>Manual override</td>
<td>Slotted locking type (tool required) (Note 3)</td>
<td></td>
</tr>
<tr>
<td>Impact resistance/Vibration resistance</td>
<td>150/30 m/s² (Note 4)</td>
<td></td>
</tr>
<tr>
<td>Enclosure</td>
<td>Dustproof (Note 5)</td>
<td></td>
</tr>
<tr>
<td>Internal leakage cm³/min</td>
<td>15 or less</td>
<td></td>
</tr>
<tr>
<td>Exterior leakage cm³/min</td>
<td>15 or less</td>
<td></td>
</tr>
<tr>
<td>Mounting orientation</td>
<td>Unrestricted</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>46 g</td>
<td>80 g</td>
</tr>
<tr>
<td>Coil rated voltage</td>
<td>12 VDC, 24 VDC, 100 VAC, 110 VAC, 200 VAC, 220 VAC</td>
<td></td>
</tr>
<tr>
<td>Allowable voltage fluctuation</td>
<td>±10% of rated voltage</td>
<td></td>
</tr>
<tr>
<td>Coil insulation type</td>
<td>Class B or equivalent</td>
<td></td>
</tr>
<tr>
<td>Power consumption (Current value)</td>
<td>DC voltage (with power-saving circuit) Inrush: 2.9 W, Holding: 0.6 W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DC voltage (without power-saving circuit) 2.9 W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AC 2 VA</td>
<td></td>
</tr>
<tr>
<td>Electrical entry</td>
<td>Grommet, DIN terminal</td>
<td></td>
</tr>
</tbody>
</table>

Note 1) This product is for dry air. Use in clean air, and be sure that drain and oil content does not flow into the product.
Note 2) Use dry air to prevent condensation when operating at low temperatures.
Note 3) Manual override is available only for DIN terminal type.
Note 4) Vibration resistance: No malfunction occurred in a one-sweep test between 8.3 and 2000 Hz. Test was performed at both energized and de-energized states to the axis and right angle directions of the main valve and armature (value at the initial state).
Impact resistance: No malfunction resulted from the impact test using a drop impact tester. The test was performed on the axis and right angle directions of the main valve and armature for both energized and de-energized states (value at the initial state).
Note 5) DIN terminal type: Applicable to dusttight and low jetproof (IP65).

### Characteristic Specifications

<table>
<thead>
<tr>
<th>Series</th>
<th>VQ20</th>
<th>VQ30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow rate characteristics</td>
<td>C [dm³/(s·bar)]</td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>0.23</td>
<td>0.42</td>
</tr>
<tr>
<td>Cv</td>
<td>0.33</td>
<td>0.39</td>
</tr>
<tr>
<td>Min. operating pressure differential</td>
<td>0.01 MPa (Note 4)</td>
<td></td>
</tr>
<tr>
<td>Max. operating pressure</td>
<td>0.6 MPa</td>
<td>0.5 MPa</td>
</tr>
<tr>
<td>Response time</td>
<td>Electricity circuit with power-saving circuit, high speed response type</td>
<td>Note 6)</td>
</tr>
<tr>
<td>ON</td>
<td>10 ms or less</td>
<td>7 ms or less</td>
</tr>
<tr>
<td>OFF</td>
<td>15 ms or less</td>
<td>5 ms or less</td>
</tr>
</tbody>
</table>

Note 1) The flow rate characteristics of this product have variations.
Note 2) JIS B 8373-2015 (Value of high response time is subject to change upon pressure, quality of air.)
Note 3) It cannot be used when energized continuously.
Note 4) If a restrictor (nozzle, etc.) is mounted on the outlet side piping, the pressure differential when ON is smaller. Be sure that the pressure differential does not drop below 0.01 MPa. Additionally, take great care when used for the ejector supply, etc.

### Component Parts

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Solenoid coil</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>Body</td>
<td>Resin</td>
</tr>
<tr>
<td>3</td>
<td>Fixed armature</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>4</td>
<td>Armature</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>5</td>
<td>Return spring</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>6</td>
<td>Poppet</td>
<td>NBR</td>
</tr>
<tr>
<td>7</td>
<td>Diaphragm assembly</td>
<td>H NBR, Resin</td>
</tr>
</tbody>
</table>

---

**Construction**

When the valve is closed, flow is blocked from port 1 to port 2. However, if the pressure in port 2 is higher than port 1, the valve will not be able to block the fluid and it will flow from port 2 to port 1.
Dimensions: VQ20 Series

In-line Type: Grommet (G)

VQ21A1-G-□-□-□

Mounting holes 2 x Ø3.2 through

Bracket mounting holes 2 x Ø3.2 through

Lead wire length Approx. 300

P port

C6: One-touch fitting for Ø6
C8: One-touch fitting for Ø8

A port

C6: One-touch fitting for Ø6
C8: One-touch fitting for Ø8

* Dotted line: Bracket mounting type (-F)
Dimensions: VQ20 Series

Type L: Grommet (G)
VQ21A1-G□-□□-L□

Light

Lead wire length Approx. 300

P port
C6: One-touch fitting for ø6
C8: One-touch fitting for ø8

A port
C6: One-touch fitting for ø6
C8: One-touch fitting for ø8

2 x ø3.2 mounting hole

* Dotted line: Bracket mounting type (-LF)
**Dimensions: VQ20 Series**

**In-line Type: DIN terminal (Y)**

VQ21A1-□□□□-□-□

- Mounting hole 2 x Ø3.2 through
- Bracket mounting hole 2 x Ø3.2 through
- Manual override

- Applicable cable O.D.: Ø3.5 to Ø7.0 mm

- P port:
  - C6: One-touch fitting for Ø6
  - C8: One-touch fitting for Ø8

- A port:
  - C6: One-touch fitting for Ø6
  - C8: One-touch fitting for Ø8

* Dotted line: Bracket mounting type (-F)
Dimensions: VQ30 Series

In-line Type: Grommet (G)
VQ31A1-G-

* Dotted line: Bracket mounting type (-F)
**VQ20/30 Series**

**Dimensions: VQ30 Series**

DIN terminal (Y)
VQ31A1-□□Y□□-□□-

* Dotted line: Bracket mounting type (-F)

---

**P port**
C10: One-touch fitting for ø10
C12: One-touch fitting for ø12

**A port**
C10: One-touch fitting for ø10
C12: One-touch fitting for ø12

---

Applicable cable O.D.
ø3.5 to ø7.0 mm

Bracket mounting hole
2 x ø4.5 through

Mounting hole 2 x ø4.3 through

Manual override

---

VQ20/30 Series
520
How to Order Manifold

**VV2Q 2 2 - 08 -**

- **Series**
  1. VQ20
  2. VQ30

- **Stations**
  1. 01: 1 station
  2. 20: 20 stations

- **P port/Thread type**
  - Nil: Rc 3/8
  - 00N: NPT 3/8
  - 00T: NPTF 3/8
  - 00F: G 3/8

- **CE-compliant**
  - Nil
  - Q: CE-compliant

---

How to Order Valves (For Manifold)

**VQ 2 1 M 1 - 1 G - C6 -**

- **Coil voltage**
  1. 100 VAC (50/60 Hz)
  2. 200 VAC
  3. 110 VAC
  4. 220 VAC (50/60 Hz)
  5. 24 VDC
  6. 12 VDC
  7. Other special voltage

- **Port size**
  - C6

- **Made to Order specifications**
  - Nil
  - Q: CE-compliant

- **Manual override**
  - Nil
  - B: Slotted locking type (tool required)

- **Electricity circuit**
  - Nill: With power-saving circuit (with surge voltage suppressor protection circuit)
  - Z: With power-saving circuit (with light/surge voltage suppressor protection circuit)
  - H: High speed response type (without energy-saving, light/surge voltage suppressor protection circuit)

- **Electrical entry**
  - G: Grommet
  - Y: DIN terminal
  - YQ: DIN terminal (without connector)

- **Valve specifications**
  - M: Manifold

---

Oil-free specifications

**VQ ½ 1 M1 - X2 (-Q)**

- **Seal material fluororubber specifications**
  - **VQ ½ 1 M1 - X5 (-Q)**

---

How to Order Manifold Assembly

- Enter the mounting valve and option part numbers under the manifold base part number.

**Example:**

- VV2Q22-0S (-Q) ········· 1 set
- VQ21M1-5G-C6 (-Q) ··· 4 sets
- VQ21M1-5G-C8 (-Q) ··· 1 set

**Note:** * is the symbol for assembly. Add a **"*" in front of the part numbers for solenoid valves, etc., to be mounted.

---

How to Order Manifold

- Enter together in order, counting from station 1 on the D side.

---

Made to Order Specifications

Please contact SMC for further specifications, delivery and price.

---

VCH VDW SX10 VQ LVM
Plug lead unit manifold (VV2Q22-□)

Dimensions

Formulas:

L1 = (n – 1) x 29 + 49

L2 = L1 – 10

L3 = L4 – 10.5

L5 = L1 – 11.2

n: Station (Max. 20)

* Dotted line: DIN rail mounting (-D)
### Dimensions

#### Plug lead unit manifold (VV2Q32-□)

![Diagram of plug lead unit manifold](image)

**Formulas**

\[
L_1 = (n - 1) \times 37 + 56
\]

\[
L_2 = L_1 - 10
\]

\[
L_3 = L_1 - 10.5
\]

\[
L_4 = L_1 - 11.2
\]

* Dotted line: DIN rail mounting (-D)
VQ20/30 Series

Single Unit Option

Bracket assembly (with 2 mounting screws)
For fixing this solenoid valve.

<table>
<thead>
<tr>
<th>Type</th>
<th>Bracket assembly</th>
<th>(Mounting screws, 2 pcs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VQ20 Grommet in-line type</td>
<td>AXT835-13A</td>
<td>M3 x 45</td>
</tr>
<tr>
<td>VQ20 Grommet L type, DIN terminal type</td>
<td>AXT835-13A-2</td>
<td>M3 x 40</td>
</tr>
<tr>
<td>DIN terminal L type</td>
<td>AXT835-13A-3</td>
<td>M3 x 35</td>
</tr>
<tr>
<td>VQ30</td>
<td>AXT837-13A</td>
<td>M4 x 45</td>
</tr>
</tbody>
</table>

Manifold Option

DIN rail
AXT100-DR-

* Suffix the number from DIN rail dimensions table below. Refer to the dimension drawing for each manifold for L dimension.

Each manifold can be mounted on a DIN rail. Order with the option symbol “-D” to specify DIN rail mounting type. The DIN rail is approximately 30 mm longer than the length of manifold.

<table>
<thead>
<tr>
<th>Type</th>
<th>Bracket assembly</th>
<th>(Mounting screws, 2 pcs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>L dimension</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• VQ20 series</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stations</td>
<td>No.</td>
<td>L (mm)</td>
</tr>
<tr>
<td>1</td>
<td>6 8 11 13 15 17 20 22 24 27 31 34 38</td>
<td>43 45 47 50</td>
</tr>
<tr>
<td>2</td>
<td>10 12 14 16 18 21 23 26 28 32 35 39 42 45</td>
<td>48 50 53 56 59 62</td>
</tr>
<tr>
<td>3</td>
<td>5 7 9 11 13 15 17 19 22 24 26 28 30 32</td>
<td>36 40 43 45 47 50</td>
</tr>
<tr>
<td>4</td>
<td>4 6 8 10 12 14 16 18 20 22 24 26 28 30</td>
<td>32 36 39 42 45 48</td>
</tr>
<tr>
<td>5</td>
<td>3 5 7 9 11 13 15 17 19 21 23 25 27 29</td>
<td>31 33 35 37 39 41</td>
</tr>
<tr>
<td>6</td>
<td>2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62</td>
<td>64 66 68 70 72 74 76 78 80 82</td>
</tr>
<tr>
<td>• VQ30 series</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stations</td>
<td>No.</td>
<td>L (mm)</td>
</tr>
<tr>
<td>1</td>
<td>6 8 10 12 14 16 18 20 22 23 24 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99</td>
<td>101 103 105 107 109 111 113 115 117 119 121 123 125 127 129 131 133 135 137 139 141 143 145 147 149 151 153 155 157 159 161 163 165 167 169 171 173 175 177 179 181 183 185 187 189 191 193 195 197 199</td>
</tr>
<tr>
<td>2</td>
<td>15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99</td>
<td>101 103 105 107 109 111 113 115 117 119 121 123 125 127 129 131 133 135 137 139 141 143 145 147 149 151 153 155 157 159 161 163 165 167 169 171 173 175 177 179 181 183 185 187 189 191 193 195 197 199</td>
</tr>
</tbody>
</table>

DIN rail mounting bracket
VVQZ100-DB-5
This bracket is used for mounting the manifold on the DIN rail. DIN rail mounting bracket is attached on the manifold. 1 set of DIN rail mounting brackets for 1 manifold includes 2 brackets.

Blanking plate assembly (with O-ring and 2 mounting screws)
Mount a blank plate on valve manifold when a valve is disassembled for maintenance purposes, or when spare valve unit is supposed to be mounted in the future.

<table>
<thead>
<tr>
<th>Series</th>
<th>Blanking plate assembly</th>
<th>(O-ring)</th>
<th>(Mounting screws, 2 pcs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VQ20</td>
<td>AXT835-35A</td>
<td>OR-1679-100-H</td>
<td>M3 x 6</td>
</tr>
<tr>
<td>VQ30</td>
<td>AXT837-35A</td>
<td>OR-2400-150-H</td>
<td>M4 x 6</td>
</tr>
</tbody>
</table>
**Warning**

1. Air quality
   - This product is for dry air. Drain, oil, etc. in the air may result in faulty operation. Use clean (dry) air.

2. Pressure differential
   - If a restrictor (nozzle, etc.) is mounted on the outlet side, the outlet side pressure differential at the inlet side is smaller.
   - Be sure the pressure differential when ON does not drop below 0.01 MPa.

**Warning**

Regardless of electric signals to the solenoid valve, the manual override is used for switching the main valve. (DIN terminal only.)

- Slotted locking type (tool required)

   Push the manual override button with a small flat head screwdriver until it stops. Turn it in the counterclockwise direction at 90° to lock the manual. Turn it right to release.

**Connection and Electrical Circuit**

---

**Caution**

Power wave form of power-saving type (Rated voltage at 24 VDC)

<table>
<thead>
<tr>
<th>Applied voltage</th>
<th>Power-saving</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 V</td>
<td></td>
</tr>
<tr>
<td>0 V</td>
<td></td>
</tr>
<tr>
<td>10 to 20 ms</td>
<td></td>
</tr>
<tr>
<td>2.9 W</td>
<td></td>
</tr>
<tr>
<td>0.6 W</td>
<td></td>
</tr>
<tr>
<td>0 W</td>
<td></td>
</tr>
</tbody>
</table>

**AC circuit**

- Lead wire color:
  - Blue (100 VAC)
  - Red (200 VAC)
  - Gray (Other AC)

- DIN connector:
  1. Blue (100 VAC)
  2. Red (200 VAC)

**Valve Mounting**

- When mounting the valve, secure with brackets.
- When mounting directly, tighten the mounting screws with the appropriate torque (0.7 to 0.8 N·m).

**When Energizing Continuously for Long Period of Time**

**Caution**

- When energizing continuously, choose the option of an energy-saving circuit specifications. High speed response type (with no energy-saving circuit) cannot be energized continuously.

---

**Connection and Electrical Circuit**

- Black (-) DC
- Blue (100 VAC)
- Red (200 VAC)
- Gray (Other AC)
- Red (+) DC
- Blue (100 VAC)
- Red (200 VAC)
- Gray (Other AC)

**With DC voltage power-saving circuit (with polarity)**

- Lead wire color:
  - Red (+) DC
  - Black (-) DC

- DIN connector:
  1. Red (+) DC
  2. Black (-) DC

**Grommet lead wire**

- AWG22
- Insulator O.D. 1.6 mm

**DC (with power-saving circuit) specifications is designed to reduce the power consumption at holding to achieve power-saving by circuit shown above.**

- Refer to below power wave form.
How to Wire DIN Terminal

**Caution**

ISO#: Based on DIN 43650C (Pin gap 8 mm)

**Connection**

1. Loosen the tightening screw and pull the connector off of the solenoid valve.
2. After removing the tightening screw, divide the terminal block and housing by prying open the slot area of the lower part of the terminal block open with a screwdriver.
3. Loosen the terminal screws of the block and insert stripped lead wires in accordance with the wiring diagram. Secure each wire by re-tightening the terminal screw (In the case of terminal 1: (+), 2: (-) DC)
4. Tighten the ground nut to secure the cable wire.

**Change of electrical entry**

Wire entry can be changed by mounting the housing in either direction (four directions at every 90°) after dividing the terminal block and the housing.

* For the indicator lighted type, be careful not to damage the light with the lead wire of the cable.

**Precautions**

Insert a connector straight or pull it out straight, using caution it does not be tilted.

**Applicable cable**

Cord O.D.: ø3.5 to ø7

(Reference) 0.5 mm² 2-core and 3-core wire equivalent to JIS C 3306.

---

**DIN Terminal Circuit with Indicator Light**

<table>
<thead>
<tr>
<th></th>
<th>AC circuit</th>
<th>DC circuit</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL: Neon light</td>
<td>R</td>
<td>LED: Light emitting diode</td>
</tr>
<tr>
<td>R</td>
<td></td>
<td>R</td>
</tr>
</tbody>
</table>

---

**Manifold**

**How to Mount/Remove from DIN Rail**

**Caution**

Removing procedure

1. Loosen the clamp screw on the “A” side of both ends of the manifold.
2. Lift the “A” side of the manifold off the DIN rail and slide it in the direction of the arrow.

Mounting procedure

1. Hook the mounting hook on the “B” side of the manifold base to the DIN rail.
2. Press down side “A” and mount the end plate on the DIN rail. Tighten the clamp screw on side “B” of the end plate.

(Tightening torque: 0.3 to 0.4 N·m).

---

**Valve Mounting**

**Caution**

After confirming the gasket is correctly placed under the valve, tighten the mounting screws with the appropriate torque (0.7 to 0.8 N·m).

---

**DIN (EN175301-803) Terminal**

This DIN terminal corresponds to the Form C DIN connector with an 8 mm terminal pitch, which complies with EN175301-803B.

**DIN Terminal Part No. (Based on DIN)**

<table>
<thead>
<tr>
<th>Without indicator light</th>
<th>SY100-82-4</th>
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</thead>
<tbody>
<tr>
<td>With Indicator Light</td>
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<tr>
<th>Rated voltage</th>
<th>Voltage symbol</th>
<th>Part no.</th>
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<tr>
<td>24 VDC</td>
<td>24 V</td>
<td>SY100-82-3-05</td>
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<tr>
<td>12 VDC</td>
<td>12 V</td>
<td>SY100-82-3-06</td>
</tr>
<tr>
<td>100 VAC</td>
<td>100 V</td>
<td>SY100-82-2-01</td>
</tr>
<tr>
<td>200 VAC</td>
<td>200 V</td>
<td>SY100-82-2-02</td>
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<tr>
<td>110 VAC</td>
<td>110 V</td>
<td>SY100-82-2-03</td>
</tr>
<tr>
<td>220 VAC</td>
<td>220 V</td>
<td>SY100-82-2-04</td>
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