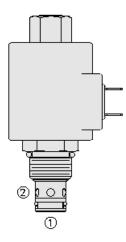
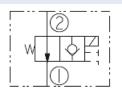


# Overview



#### Symbol



## Ratings

#### Pressure Ratings 207 bar (3000 psi) Pressure rating 344 bar (5000 psi) Proof pressure 779 bar (11300 psi) - Note: (sv10-20) Burst pressure Flow Ratings 102 lpm (27 gpm) - Note: Based on Flow rating 34.4 bar (500 psi) - Note: See performance graph - Note: At 207 bar (3000 psi) 3 drops/min Maximum internal leakage Temperature Ratings Operating fluid temperature -40 to 100 °C (-40 to 212 °F) - Note: With buna N seals -26 to 204 °C (-15 to 400 °F) - Note: With fluorocarbon seals -54 to 107 °C (-65 to 225 °F) - Note: With polyurethane seals -40 to 70 °C (-40 to 160 °F) Storage temperature -40 to 70 °C (-40 to 160 °F) Ambient temperature

## **Operating Parameters**

| Fluids                              | Mineral based or synthetic hydraulic fluid with lubricating properties |
|-------------------------------------|--|
| Fluid viscosity range               | 7.4 to 420 cSt   |
| Maximum operating contamination lev | el 20/18/14 per ISO 4406   |

## **Properties**

| Unit weight                  | 0.16 kg (0.35 lb)                              | <ul> <li>Note: Cartridge only</li> </ul> |  |
|------------------------------|--|--|--|
|                              | 0.46 kg (1.02 lb)                              | - Note: Cartridge with e-coil            |  |
| Internal wetted surface area | 210 cm <sup>2</sup> (32.5 in <sup>2</sup> )    |  |  |
| Materials                    | continuous from 85% to 115% of nominal voltage |  |  |

# **Description**

A solenoid-operated, 2 way, piloted, poppet-type, normally open, screw in hydraulic cartridge valve designed for low leakage in load-holding applications

#### **Operation**

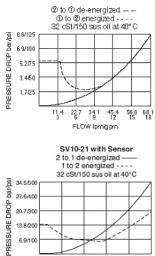
When de-energized, the SV10-21 allows flow from port 2 to port 1. Flow from port 1 to port 2 is severely restricted in this mode. When energized, the valves poppet closes on its seat, blocking flow in the port 2 to port 1 direction. In this mode the cartridge will allow port 1 to port 2 flow after overcoming the solenoid force (requires 50 to 150 psi [3.4 to 10.3 bar])

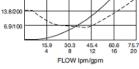
### <u>Features</u>

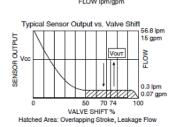
- · Continuous-duty rated coil.
- Hardened seat for long life and low leakage.
- Optional coil voltages and terminations.
- Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- Unitized, molded coil design.
- Manual override option.
- Optional waterproof E-Coils rated up to IP69K.
- Industry common cavity.



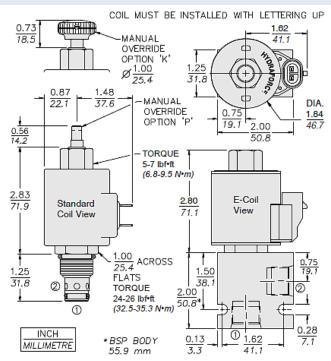
# Performance







## **Dimensions**





# **Materials**

#### Materials

:

Cartridge: Weight: 0.16 kg. (0.35 lbs.); Steel with hardened work surfaces. Zinc-plated exposed surfaces; Buna N O-rings and polyester elastomer back-up standard.

Standard Ported Body: Weight: 0.16 kg. (0.35 lbs.); Anodized high-strength 6061 T6 aluminum alloy, rated to 207 bar (3000 psi); Ductile iron bodies available; dimensions may differ.

Standard D-Coil: Weight each: 0.27 kg. (0.60 lbs.); Unitized thermoplastic encapsulated, Class H high temperature magnet wire.

E-Coil: Weight: 0.41 kg. (0.9 lbs.); Perfect wound, fully encapsulated with rugged external metal shell; Rated up to IP69K with integral connectors.

## Installation Specifications

| Cavity<br>Cartridge installation torque<br>Coil nut torque | VC10-2<br>32.5 to 35.3 N-m (24 to 26 ft-lb)<br>6.8 to 9.5 N-m (5 to 7 ft-lb) |
|--|--|
| Orientation restriction Accessories                        | None   |
| Seal kit   | SK10-2X-T • Note: (x = seal option)  |

Seal kit Housings Coils

# **Order Code**

| POSITION | CODE  | DESCRIPTION   |
|----------|-------|---|
|          |       | SV10-21EG-H-J-L                                     |
| E        |       | Manual Override                                     |
| E        | BLANK | NONE  |
| E        | HP    | Momentary Push Override, Button with Protective Nut |
| E        | К     | Momentary Push Override, Knob                       |
| E        | Р     | Momentary Push Override, Button                     |
| G        |       | Screen  |
| G        | BLANK | NONE  |
| G        | S     | 100 Mesh Screen                                     |
| н        |       | Line Body   |
| Н        | 0     | No Body   |
| н        | 6T    | Aluminum SAE 6                                      |
| Н        | 8T    | Aluminum SAE 8                                      |
| Н        | 6TD   | Ductile Iron SAE 6                                  |
| Н        | 8TD   | Ductile Iron SAE 8                                  |
| н        | 2B    | Aluminum BSPP 1/4" (2)                              |
| Н        | 3B    | Aluminum BSPP 3/8" (3)                              |
| н        | 4B    | Aluminum BSPP 1/2" (4)                              |
| Н        | 4BD   | Ductile Iron BSPP 1/2" (4)                          |
| J        |       | Seal  |
| J        | Ν     | Buna-N  |
| J        | V     | Fluorocarbon  |
| J        | Р     | Polyurethane  |
| J        | U     | PPDI Urethane                                       |
|          |       |   |



| POSITION         COI         Coil           0         Nc Coil           0         Nc Coil           10DG         10 VDC, D-Coil, DN 43650           10DR         10 VDC, D-Coil, Dual Lead Wires           10DR         10 VDC, D-Coil, Dual Spade           10DE         10 VDC, E-Coil, Dual Spade           10EL         10 VDC, E-Coil, Dual Lead Wires           10ER         10 VDC, E-Coil, Dual Lead Wires           10ER         10 VDC, E-Coil, Dual Lead Wires           10ER         10 VDC, E-Coil, Dual Lead Wires, 38 inches long           12DL         12 VDC, D-Coil, Dual Lead Wires, 38 inches long           12DL         12 VDC, D-Coil, Dual Lead Wires, 38 inches long           12DLW         12 VDC, D-Coil, Dual Lead Wires, 38 inches long           12DLW         12 VDC, D-Coil, Dual Lead Wires, 38 inches long           12DR         12 VDC, D-Coil, Dual Lead Wires, 38 inches long           12DR         12 VDC, D-Coil, Dual Lead Wires, 38 inches long           12DR         12 VDC, D-Coil, Dual Lead Wires, 38 inches long           12DR         12 VDC, E-Coil, Dual Lead Wires, 38 inches long           12EN         12 VDC, E-Coil, Dual Lead Wires, 38 inches long           12EN         12 VDC, E-Coil, Dual Lead Wires, 38 inches long           12EN         12 VDC   |          |          |   |
|--|----------|----------|---|
| 0No Coll10DG10 VDC, D-Coll, DIN 4365010DR/D10 VDC, D-Coll, Dual Leed Wires10DR/D10 VDC, D-Coll, Dual Spade10DR10 VDC, D-Coll, Dual Spade10DR10 VDC, E-Coll, Dual Leed Wires10EL10 VDC, E-Coll, Dual Leed Wires10ER/Z10 VDC, E-Coll, Dual Spade10ER10 VDC, E-Coll, Dual Leed Wires, 18 inches long12DL12 VDC, D-Coll, Dual Leed Wires, 36 inches long12DL12 VDC, D-Coll, Dual Leed Wires, 36 inches long12DL/WD12 VDC, D-Coll, Dual Leed Wires, 36 inches long12DL/WD12 VDC, D-Coll, Dual Leed Wires, 36 inches long12DL/WD12 VDC, D-Coll, Deutsch with Weatherpak with Diode12DL/WD12 VDC, D-Coll, Deutsch12DL/WD12 VDC, D-Coll, Deutsch With Samer Diode12DR12 VDC, D-Coll, Deutsch with Veatherpak with Diode12DR12 VDC, D-Coll, Deutsch With Diode12DR12 VDC, E-Coll, Dual Leed Wires, 18 inches long12EL12 VDC, E-Coll, Dual Leed Wires with WeatherPak and Zener Diode12EL12 VDC, E-Coll, Dual Leed Wires with WeatherPak and Zener Diode12EL12 VDC, E-Coll, Dual Leed Wires with Zener Diode12EL12 VDC, E-Coll, Dual Leed Wires with Zener Diode12EL/WZ12 VDC, E-Coll, Dual Leed Wires with Zener Diode12EL12 VDC, E-Coll, Dual Leed Wires with Zener Diode12EL/WZ12 VDC, E-Coll, Dual Leed Wires with Zener Diode12EL12 VDC, E-Coll, Dual Spade12EL/WZ12 VDC, E-Coll, Dual Spade12EL12 VDC, E-Coll, Dual S  | POSITION | CODE     | DESCRIPTION   |
| 10DG         10 VDC, D-Coil, DNI 43650           10DL         10 VDC, D-Coil, Dual Lead Wires           10DR/D         10 VDC, D-Coil, Dual Spade           10DE         10 VDC, D-Coil, Dual Spade           10ER         10 VDC, E-Coil, Dual Lead Wires           10ER         10 VDC, E-Coil, Dual Lead Wires           10ER         10 VDC, E-Coil, Dual Lead Wires, 16 inches long           12DL         12 VDC, D-Coil, Dual Lead Wires, 16 inches long           12DL         12 VDC, D-Coil, Dual Lead Wires, 16 inches long           12DL         12 VDC, D-Coil, Dual Lead Wires, 16 inches long           12DL         12 VDC, D-Coil, Dual Lead Wires, 16 inches long           12DL         12 VDC, D-Coil, Dual Lead Wires, 16 inches long           12DL         12 VDC, D-Coil, Dual Lead Wires, 16 inches long           12DR         12 VDC, D-Coil, Dual Lead Wires, 16 inches long           12DR         12 VDC, D-Coil, Dual Lead Wires, 16 inches long           12DR         12 VDC, E-Coil, Dual Lead Wires, 16 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 16 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL/Z         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL/Z         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL/Z <td>L</td> <td></td> <td>Coil</td>  | L        |          | Coil  |
| 10DL         10 VDC, D-Coil, Deulsch with Diode           10DR/D         10 VDC, D-Coil, Deulsch with Diode           10DR         10 VDC, E-Coil, Deulsch with Diode           10ER         10 VDC, E-Coil, Deulsch           10ER         10 VDC, E-Coil, Dual Lead Wires, 18 inches long           12DL/36         12 VDC, D-Coil, Dual Lead Wires, 18 inches long           12DL/W         12 VDC, D-Coil, Dual Lead Wires, 81 inches long           12DL/W         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DL/W         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DL/W         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DR/W         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DR/Z         12 VDC, D-Coil, Dual Lead Wires, 18 inches long           12DR/Z         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         <   | L        | 0        | No Coil   |
| 10DR/D         10 VDC, D-Coil, Deutsch with Diode           10DS         10 VDC, E-Coil, Dual Spade           10EL         10 VDC, E-Coil, Dual Lead Wires           10ER         10 VDC, E-Coil, Deutsch with Zoner Diode           12DG         12 VDC, D-Coil, Dual Lead Wires, 18 inches long           12DL         12 VDC, D-Coil, Dual Lead Wires, 38 inches long           12DLW         12 VDC, D-Coil, Dual Lead Wires, 38 inches long           12DLW         12 VDC, D-Coil, Dual Lead Wires, 38 inches long           12DLW         12 VDC, D-Coil, Dual Lead Wires, with Weatherpak with Diode           12DLW         12 VDC, D-Coil, Deutsch with Zener Diode           12DR         12 VDC, D-Coil, Deutsch with Zener Diode           12DRZ         12 VDC, D-Coil, Deutsch with Zener Diode           12DR         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EJ         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EJ         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EJ         12 VDC, E-Coil, Dual Lead Wires, 38 inches long           12EJ         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EJ         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12ELVZ         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12ELVZ         12 VDC, E-Coil, Dual Lead Wires with Weath  | <u> </u> | 10DG     | 10 VDC, D-Coil, DIN 43650                                       |
| 10DS         10 VDC, D-Coil, Dual Spade           10EL         10 VDC, E-Coil, Dual Lead Wires           10ER/2         10 VDC, E-Coil, Deutsch           10ER/2         10 VDC, E-Coil, Deutsch with Zener Diode           12DG         12 VDC, D-Coil, Dual Lead Wires, 18 inches long           12DL         12 VDC, D-Coil, Dual Lead Wires, 18 inches long           12DL/WD         12 VDC, D-Coil, Dual Lead Wires, 36 inches long           12DL/WD         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DL/WD         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DL/WD         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DR         12 VDC, D-Coil, Deutsch with Zener Diode           12DR/Z         12 VDC, D-Coil, Deutsch with Zener Diode           12DR/Z         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL/Z         12 VDC, E-Coil, Dual Lead Wires, 48 inches long           12EL/Z         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL/Z         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL/Z         12 VDC, E-Coil, Deutsch with Ioade           12ER         12 VDC, E-Coil, Deutsch with Zener Diode </td <td>L</td> <td>10DL</td> <td>10 VDC, D-Coil, Dual Lead Wires</td>                   | L        | 10DL     | 10 VDC, D-Coil, Dual Lead Wires                                 |
| 10EL         10 VDC, E-Coil, Dual Lead Wires           10ER         10 VDC, E-Coil, Deutsch           10ERZ         10 VDC, E-Coil, Dualtsch with Zoner Diode           12DG         12 VDC, D-Coil, Dual Lead Wires, 18 inches long           12DL         12 VDC, D-Coil, Dual Lead Wires, 36 inches long           12DL         12 VDC, D-Coil, Dual Lead Wires, 36 inches long           12DLW         12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode           12DR         12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode           12DR         12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode           12DR         12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode           12DR         12 VDC, D-Coil, Dual Spade           12DR         12 VDC, E-Coil, Dual Spade           12EL         12 VDC, E-Coil, Dual Lead Wires, 16 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL/2         12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode           12ELWZ         12 VDC, E-Coil, Dual Lead Wires with Zoner Diode           12ELWZ         12 VDC, E-Coil, Dual Lead Wires with Zoner Diode           12ELWZ         12 VDC, E-Coil, Dual Lead Wires with Zoner Diode           12EWZ         12 VDC, E-Coil, Dual Lead Wires with Zoner Diode           12EWZ <td< td=""><td></td><td>10DR/D</td><td>10 VDC, D-Coil, Deutsch with Diode</td></td<> |          | 10DR/D   | 10 VDC, D-Coil, Deutsch with Diode                              |
| 10ER         10 VDC, E-Coil, Deutsch           10ER/Z         10 VDC, E-Coil, Dut A3650           12DG         12 VDC, D-Coil, Dut A3650           12DL         12 VDC, D-Coil, Dut A3650           12DL/36         12 VDC, D-Coil, Dut A3650           12DL/WD         12 VDC, D-Coil, Dual Lead Wires, 36 inches long           12DL/WD         12 VDC, D-Coil, Dual Lead Wires, 36 inches long           12DL/WD         12 VDC, D-Coil, Dual Lead Wires, 36 inches long           12DR         12 VDC, D-Coil, Dual Lead Wires, 36 inches long           12DR/D         12 VDC, D-Coil, Deutsch with Veatherpak with Diode           12DR/D         12 VDC, D-Coil, Deutsch with Sener Diode           12DR/D         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EG         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL/Z         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL/Z         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL/Z         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL/Z         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL/Z         12 VDC, E-Coil, Matri-Pack 150           12EWZ         12 VDC, E-Coil, Matri-Pack 150           12EWZ   | L        | 10DS     | 10 VDC, D-Coil, Dual Spade                                      |
| 10ER/2         10 VDC, E-Coil, Daulsch with Zener Diede           12DG         12 VDC, D-Coil, Divl 3650           12DL         12 VDC, D-Coil, Dual Lead Wires, 18 inches long           12DL/30         12 VDC, D-Coil, Dual Lead Wires, 36 inches long           12DL/30         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DL/30         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DR/0         12 VDC, D-Coil, Deutsch with Zener Diode           12DR/12         12 VDC, D-Coil, Dual Spade           12DR/2         12 VDC, E-Coil, Dual Spade           12EL         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL/36         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL/36         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL/36         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL/37         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL/36         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12ER/37         12 VDC, E-Coil, Dual Lead Wir  | <u> </u> | 10EL     | 10 VDC, E-Coil, Dual Lead Wires                                 |
| 12DG         12 VDC, D-Coil, DN 43650           12DL         12 VDC, D-Coil, Dual Lead Wires, 18 inches long           12DL/36         12 VDC, D-Coil, Dual Lead Wires, 36 inches long           12DL/W         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DL/WD         12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode           12DR         12 VDC, D-Coil, Deutsch Wite Weatherpak with Diode           12DR/2         12 VDC, D-Coil, Deutsch with Diode           12DR/2         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DR/2         12 VDC, D-Coil, Dual Spade           12EL         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EJ         12 VDC, E-Coil, Dual Lead Wires, 81 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 81 inches long           12EL/36         12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode           12EL/4         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL         12 VDC, E-Coil, Deutsch with Zener Diode           12EV         12 VDC, E-Coil, Deutsch with Zener Diode           12EV/2         12 VDC, E-Coil, Dual Lead Wires Wite Xenterpak           12EV/2         12   | L        | 10ER     | 10 VDC, E-Coil, Deutsch   |
| 12DL         12 VDC, D-Coil, Dual Lead Wires, 18 inches long           12DL/36         12 VDC, D-Coil, Dual Lead Wires, 36 inches long           12DL/WID         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DL/WID         12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode           12DR         12 VDC, D-Coil, Duals Lead Wires with Weatherpak with Diode           12DR         12 VDC, D-Coil, Deutsch with Zener Diode           12DR         12 VDC, D-Coil, Dual Spade           12EG         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode           12EL         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EN         12 VDC, E-Coil, Dual Spade           20DR         20 VDC, D-Coil, Dual Spade           20DR         20   | L        | 10ER/Z   | 10 VDC, E-Coil, Deutsch with Zener Diode                        |
| 12DL/36         12 VDC, D-Coil, Dual Lead Wires, 36 inches long           12DL/W         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DL/W/D         12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode           12DR         12 VDC, D-Coil, Deutsch           12DR/D         12 VDC, D-Coil, Deutsch with Diode           12DR/2         12 VDC, D-Coil, Deutsch with Zener Diode           12DR/2         12 VDC, D-Coil, Dual Spade           12EG         12 VDC, E-Coil, Dual Spade           12EJ         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL/2         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL/2         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL/2         12 VDC, E-Coil, Deutsch           12ER         12 VDC, E-Coil, Deutsch with Zener Diode           12ER/2         12 VDC, E-Coil, Metri-Pack 150           12ER/2         12 VDC, E-Coil, Metri-Pack 150           12EV/2         12 VDC, E-Coil, Dual Spade           20DR/D         20 VDC, D-Coil, Dual Spade           20ER         20 VDC, D-Coil, Dual Lead Wires   | L        | 12DG     | 12 VDC, D-Coil, DIN 43650                                       |
| 12DL/W         12 VDC, D-Coil, Dual Lead Wires with Weatherpak           12DL/W/D         12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode           12DR         12 VDC, D-Coil, Deutsch           12DR/D         12 VDC, D-Coil, Deutsch with Diode           12DR/Z         12 VDC, D-Coil, Deutsch with Zener Diode           12DR/Z         12 VDC, D-Coil, Dual Spade           12DS         12 VDC, D-Coil, Dual Spade           12EG         12 VDC, D-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12ER         12 VDC, E-Coil, Deutsch           12ER         12 VDC, E-Coil, Meri-Pack 150           12ER/Z         12 VDC, E-Coil, Meri-Pack 150           12EY         12 VDC, E-Coil, Dual Spade           20DR/D         20 VDC, D-Coil, Dual Spade           20ER         20 VDC, D-Coil, Dual Spade           24AG         24 VDC, D-Coil, Dual Lead Wires   | L        | 12DL     | 12 VDC, D-Coil, Dual Lead Wires, 18 inches long                 |
| 12DL/W/D         12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode           12DR         12 VDC, D-Coil, Deutsch           12DR/Z         12 VDC, D-Coil, Deutsch with Zener Diode           12DR/Z         12 VDC, D-Coil, Deutsch with Zener Diode           12DS         12 VDC, D-Coil, Dual Spade           12EG         12 VDC, E-Coil, DIN 43650           12EJ         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL/36         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL/2         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL/2         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL/2         12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode           12ER         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12ER         12 VDC, E-Coil, Metri-Pack 150           12ER         12 VDC, E-Coil, Metri-Pack 150           12EY/2         12 VDC, E-Coil, Dual Spade           20DR/D         20 VDC, D-Coil, Dual Spade           20DR         20 VDC, D-Coil, Dual Spade           24AG         24 VDC, D-Coil, DIN 43650           24AG         24 VDC, D-Coil, Dual Lead Wires with Weatherpak           24DL         24 VDC, D-Coil, Dual Lead Wires  | L        | 12DL/36  | 12 VDC, D-Coil, Dual Lead Wires, 36 inches long                 |
| 12DR         12 VDC, D-Coil, Deutsch           12DR/D         12 VDC, D-Coil, Deutsch with Diode           12DR/Z         12 VDC, D-Coil, Deutsch with Zener Diode           12DS         12 VDC, D-Coil, Dual Spade           12EG         12 VDC, E-Coil, DIN 43650           12EJ         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL/26         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL/27         12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode           12EL/2         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12EL/2         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12ER/Z         12 VDC, E-Coil, Deutsch With Zener Diode           12ER/Z         12 VDC, E-Coil, Metri-Pack 150           12ER/Z         12 VDC, E-Coil, Metri-Pack 150           12ER/Z         12 VDC, E-Coil, Deutsch with Diode           20DR/D         20 VDC, D-Coil, Dual Spade           20DR/D         20 VDC, D-Coil, Dual Spade           24AG         24 VDC, D-Coil, DIN 43650           24AG         24 VDC, D-Coil, DIN 43650           24DL         24 VDC, D-Coil, Dual Lead Wires with Weatherpak           24DL         24 VDC, D-Coil, Dual Lead Wires with Weatherpak  | -        | 12DL/W   | 12 VDC, D-Coil, Dual Lead Wires with Weatherpak                 |
| 12DR/D         12 VDC, D-Coil, Deutsch with Zener Diode           12DR/Z         12 VDC, D-Coil, Deutsch with Zener Diode           12DS         12 VDC, D-Coil, Dual Spade           12EG         12 VDC, E-Coil, DIN 43650           12EJ         12 VDC, E-Coil, Dual Lead Wires, 18 inches long           12EL         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL/36         12 VDC, E-Coil, Dual Lead Wires, 36 inches long           12EL/W/Z         12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode           12EL/W/Z         12 VDC, E-Coil, Dual Lead Wires with Zener Diode           12ER/2         12 VDC, E-Coil, Deutsch with Zener Diode           12ER/2         12 VDC, E-Coil, Deutsch with Zener Diode           12ER/2         12 VDC, E-Coil, Metri-Pack 150           12EY/Z         12 VDC, E-Coil, Metri-Pack 150 with Zener Diode           20DR/D         20 VDC, D-Coil, Deutsch with Diode           20DR/D         20 VDC, D-Coil, Deutsch           20DR         20 VDC, D-Coil, Deutsch           20DR         24 VDC, D-Coil, Deutsch           24AP         24 VDC, D-Coil, Deutsch           24AP         24 VDC, D-Coil, Dual Lead Wires           24AP         24 VDC, D-Coil, Dual Lead Wires           24AP         24 VDC, D-Coil, Dual Lead Wires <t< td=""><td>L</td><td>12DL/W/D</td><td>12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode</td></t<>                                      | L        | 12DL/W/D | 12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode      |
| 12DR/Z       12 VDC, D-Coil, Deutsch with Zener Diode         12DS       12 VDC, D-Coil, Dual Spade         12EG       12 VDC, E-Coil, DIN 43650         12EJ       12 VDC, E-Coil, Dual Lead Wires, 18 inches long         12EL       12 VDC, E-Coil, Dual Lead Wires, 18 inches long         12EL       12 VDC, E-Coil, Dual Lead Wires, 36 inches long         12EL/W/Z       12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode         12EL       12 VDC, E-Coil, Dual Lead Wires with Zener Diode         12EL       12 VDC, E-Coil, Dual Lead Wires with Zener Diode         12EL       12 VDC, E-Coil, Deutsch with Zener Diode         12ER       12 VDC, E-Coil, Deutsch with Zener Diode         12EN       12 VDC, E-Coil, Deutsch with Zener Diode         12EY/Z       12 VDC, E-Coil, Deutsch with Diode         20DR/D       20 VDC, D-Coil, Deutsch with Diode         20DR/D       20 VDC, E-Coil, Dual Spade         20ER       20 VDC, D-Coil, DIN 43650         24AP       24 VDC, D-Coil, Dual Lead Wires         24D       24 VDC, D-Coil, Dual Lead Wires with Weatherpak   | -        | 12DR     | 12 VDC, D-Coil, Deutsch   |
| 12DS       12 VDC, D-Coil, DuN 43650         12EG       12 VDC, E-Coil, AMP Jr.         12EL       12 VDC, E-Coil, DuN 43650         12EL       12 VDC, E-Coil, Dual Lead Wires, 18 inches long         12EL/36       12 VDC, E-Coil, Dual Lead Wires, 36 inches long         12EL/WIZ       12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode         12EL/WIZ       12 VDC, E-Coil, Dual Lead Wires with Zener Diode         12ER       12 VDC, E-Coil, Duetsch         12ER/Z       12 VDC, E-Coil, Deutsch         12ER/Z       12 VDC, E-Coil, Metri-Pack 150         12EY/Z       12 VDC, E-Coil, Metri-Pack 150         12EY/Z       12 VDC, E-Coil, Deutsch with Zener Diode         20DR/D       20 VDC, D-Coil, Duetsch with Diode         20DR/D       20 VDC, D-Coil, Duetsch with Diode         20DR/D       20 VDC, D-Coil, Duetsch         20DR/D       20 VDC, D-Coil, Dual Lead Wires         24AG       24 VDC, D-Coil, Dual Spade         24AG       24 VDC, D-Coil, Dual Lead Wires         24DL       24 VDC, D-Coil, Dual Lead Wires with Weatherpak         24DL       24 VDC, D-Coil, Dual Lead Wires         24DL       24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode         24DL       24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode  | -        | 12DR/D   | 12 VDC, D-Coil, Deutsch with Diode                              |
| 12EG12 VDC, E-Coil, DIN 4365012EJ12 VDC, E-Coil, AMP Jr.12EL12 VDC, E-Coil, Dual Lead Wires, 18 inches long12EL/3612 VDC, E-Coil, Dual Lead Wires, 36 inches long12EL/3612 VDC, E-Coil, Dual Lead Wires, 36 inches long12EL/W/Z12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode12EL/12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode12ER/12 VDC, E-Coil, Dual Lead Wires with Zener Diode12ER/Z12 VDC, E-Coil, Deutsch with Zener Diode12EY12 VDC, E-Coil, Metri-Pack 15012EY/Z12 VDC, E-Coil, Metri-Pack 150 with Zener Diode20DR/D20 VDC, D-Coil, Deutsch with Diode20DR/D20 VDC, D-Coil, Deutsch with Diode20DR20 VDC, D-Coil, Dual Spade20ER20 VDC, D-Coil, Dual Lead Wires24AG24 VDC, D-Coil, Dual Lead Wires24AG24 VDC, D-Coil, Dual Lead Wires24AP24 VDC, D-Coil, Dual Spade24DL/W24 VDC, D-Coil, Dual Lead Wires24DL/W24 VDC, D-Coil, Dual Lead Wires24DL/W24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DR24 VDC, D-Coil, Dual Lead Wires24DR  | -        | 12DR/Z   | 12 VDC, D-Coil, Deutsch with Zener Diode                        |
| 12EJ       12 VDC, E-Coil, AMP Jr.         12EL       12 VDC, E-Coil, Dual Lead Wires, 18 inches long         12EL/36       12 VDC, E-Coil, Dual Lead Wires, 36 inches long         12EL/W/Z       12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode         12EL/       12 VDC, E-Coil, Dual Lead Wires with Zener Diode         12EL/       12 VDC, E-Coil, Dual Lead Wires with Zener Diode         12EL/       12 VDC, E-Coil, Deutsch with Zener Diode         12ER       12 VDC, E-Coil, Metri-Pack 150         12EV/Z       12 VDC, E-Coil, Metri-Pack 150         12EV/Z       12 VDC, E-Coil, Metri-Pack 150 with Zener Diode         20DR/D       20 VDC, D-Coil, Deutsch with Diode         20DR/D       20 VDC, D-Coil, Deutsch with Diode         20DR       20 VDC, D-Coil, Dual Spade         20ER       20 VDC, D-Coil, DIN 43650         24AP       24 VDC, D-Coil, DIN 43650         24DL       24 VDC, D-Coil, Dual Lead Wires         24DL       24 VDC, D-Coil, Dual Lead Wires with Weatherpak         24DL       24 VDC, D-Coil, Dual Lead Wires         24DL       24 VDC, D-Coil, Dual Lead Wires         24DL       24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode         24DL       24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode         24DL <td< td=""><td>-</td><td>12DS</td><td>12 VDC, D-Coil, Dual Spade</td></td<>  | -        | 12DS     | 12 VDC, D-Coil, Dual Spade                                      |
| 12EL12 VDC, E-Coil, Dual Lead Wires, 18 inches long12EL/3612 VDC, E-Coil, Dual Lead Wires, 36 inches long12EL/W/Z12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode12EL/Z12 VDC, E-Coil, Dual Lead Wires with Zener Diode12ER12 VDC, E-Coil, Deutsch12ER12 VDC, E-Coil, Deutsch with Zener Diode12EY12 VDC, E-Coil, Metri-Pack 15012EY12 VDC, E-Coil, Metri-Pack 15012EY/Z12 VDC, E-Coil, Metri-Pack 15012EY/Z12 VDC, E-Coil, Deutsch with Zener Diode20DR/D20 VDC, D-Coil, Deutsch with Diode20DR/D20 VDC, D-Coil, Deutsch With Zener Diode20DR20 VDC, D-Coil, Dual Spade20ER20 VDC, E-Coil, Deutsch24AG24 VDC, D-Coil, Dual Spade24AG24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/WD24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/WD24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires With Weatherpak With Diode24DR24 VDC, D-Coil, Dual Spade24DR/D24 VDC, D-Coil, Dual Spade24DS2  | -        | 12EG     | 12 VDC, E-Coil, DIN 43650                                       |
| 12EL/3612 VDC, E-Coil, Dual Lead Wires, 36 inches Iong12EL/W/Z12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode12EL/Z12 VDC, E-Coil, Dual Lead Wires with Zener Diode12ER12 VDC, E-Coil, Deutsch12ER/Z12 VDC, E-Coil, Deutsch with Zener Diode12EY12 VDC, E-Coil, Deutsch with Zener Diode12EY12 VDC, E-Coil, Metri-Pack 15012EY/Z12 VDC, E-Coil, Deutsch with Zener Diode20DR/D20 VDC, D-Coil, Deutsch with Zener Diode20DR/D20 VDC, D-Coil, Deutsch with Diode20DS20 VDC, E-Coil, Deutsch with Diode20ER20 VDC, E-Coil, Deutsch with Diode20ER20 VDC, E-Coil, Deutsch24AG24 VDC, D-Coil, Dual Spade24AG24 VDC, D-Coil, Dual Spade24DQ24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires With Weatherpak Wires24DR24 VDC, D-Coil, Dual Spade24DR/   | -        | 12EJ     | 12 VDC, E-Coil, AMP Jr.   |
| 12EL/W/Z12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode12EL/Z12 VDC, E-Coil, Dual Lead Wires with Zener Diode12ER12 VDC, E-Coil, Deutsch12ER/Z12 VDC, E-Coil, Deutsch with Zener Diode12EY12 VDC, E-Coil, Metri-Pack 15012EY/Z12 VDC, E-Coil, Metri-Pack 15020DR/D20 VDC, D-Coil, Deutsch with Zener Diode20DR/D20 VDC, D-Coil, Deutsch with Diode20DR20 VDC, D-Coil, Deutsch with Diode20ER20 VDC, D-Coil, Deutsch with Diode20ER20 VDC, D-Coil, Deutsch24AG24 VDC, D-Coil, DIN 4365024AP24 VDC, D-Coil, DIN 4365024DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Spade24DR24 VDC, D-Coil, Dual Spade24DS24 VDC, D-Coil, Dual Spade24DS24 VDC, D-Coil, Dual Spade24DS <td>-</td> <td>12EL</td> <td>12 VDC, E-Coil, Dual Lead Wires, 18 inches long</td>  | -        | 12EL     | 12 VDC, E-Coil, Dual Lead Wires, 18 inches long                 |
| 12EL/Z12 VDC, E-Coil, Dual Lead Wires with Zener Diode12ER12 VDC, E-Coil, Deutsch12ER/Z12 VDC, E-Coil, Deutsch with Zener Diode12EY12 VDC, E-Coil, Metri-Pack 15012EY/Z12 VDC, E-Coil, Metri-Pack 150 with Zener Diode20DR/D20 VDC, D-Coil, Deutsch with Diode20DR20 VDC, D-Coil, Deutsch with Diode20DS20 VDC, E-Coil, Deutsch with Diode20ER20 VDC, E-Coil, Dual Spade24AG24 VDC, D-Coil, DIN 4365024AP24 VDC, D-Coil, JIN 4365024DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DR24 VDC, D-Coil, Dual Lead Wires24DR24 VDC, D-Coil, Dual Lead Wires24DR24 VDC, D-Coil, Deutsch24DR24 VDC, D-Coil, Deutsch24DR24 VDC, D-Coil, Deutsch24DR24 VDC, D-Coil, Deutsch With Diode24DR24 VDC, D-Coil, Deutsch With Diode24DS24 VDC, D-Coil, Dual Spade   |          | 12EL/36  | 12 VDC, E-Coil, Dual Lead Wires, 36 inches long                 |
| 12ER12 VDC, E-Coil, Deutsch12ER/Z12 VDC, E-Coil, Deutsch with Zener Diode12EY/Z12 VDC, E-Coil, Metri-Pack 15012EY/Z12 VDC, E-Coil, Metri-Pack 150 with Zener Diode20DR/D20 VDC, D-Coil, Deutsch with Diode20DS20 VDC, D-Coil, Deutsch with Diode20DS20 VDC, E-Coil, Deutsch with Diode20ER20 VDC, E-Coil, Dual Spade24AG24 VDC, D-Coil, DIN 4365024AP24 VDC, D-Coil, JNN 4365024DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, JUI ** ornduit and Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, JUI ** ornduit and Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DP24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch24DR24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650  | <u>.</u> | 12EL/W/Z | 12 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode |
| 12ER/Z12 VDC, E-Coil, Deutsch with Zener Diode12EY12 VDC, E-Coil, Metri-Pack 15012EY/Z12 VDC, E-Coil, Metri-Pack 150 with Zener Diode20DR/D20 VDC, D-Coil, Deutsch with Diode20DR20 VDC, D-Coil, Deutsch with Diode20DR20 VDC, D-Coil, Dual Spade20ER20 VDC, E-Coil, Deutsch24AG24 VDC, D-Coil, Dlu 4365024AP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires24DR24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DR24 VDC, D-Coil, Dual Spade24DR24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, Dual Spade  | -        | 12EL/Z   | 12 VDC, E-Coil, Dual Lead Wires with Zener Diode                |
| 12EY12 VDC, E-Coil, Metri-Pack 15012EY/Z12 VDC, E-Coil, Metri-Pack 150 with Zener Diode20DR/D20 VDC, D-Coil, Deutsch with Diode20DS20 VDC, D-Coil, Deutsch with Diode20DS20 VDC, E-Coil, Deutsch20ER20 VDC, E-Coil, Deutsch24AG24 VDC, D-Coil, DlN 4365024AP24 VDC, D-Coil, JIN 4365024DL24 VDC, D-Coil, DIN 4365024DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Deutsch24DL24 VDC, D-Coil, Deutsch24DL24 VDC, D-Coil, Deutsch24DL24 VDC, D-Coil, Dual Spade24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650  | -        | 12ER     | 12 VDC, E-Coil, Deutsch   |
| 12EY/Z12 VDC, E-Coil, Metri-Pack 150 with Zener Diode20DR/D20 VDC, D-Coil, Deutsch with Diode20DS20 VDC, D-Coil, Dual Spade20ER20 VDC, E-Coil, Deutsch24AG24 VDC, D-Coil, DIN 4365024AP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DG24 VDC, D-Coil, DIN 4365024DL24 VDC, D-Coil, DIN 4365024DL24 VDC, D-Coil, DIN 4365024DL24 VDC, D-Coil, Dual Lead Wires24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/W/D24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DP24 VDC, D-Coil, Dual Lead Wires24DR24 VDC, D-Coil, Dual Lead Wires24DR24 VDC, D-Coil, Dual Lead Wires24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires24DR24 VDC, D-Coil, Dual Spade24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650   | -        | 12ER/Z   | 12 VDC, E-Coil, Deutsch with Zener Diode                        |
| 20DR/D20 VDC, D-Coil, Deutsch with Diode20DS20 VDC, D-Coil, Dual Spade20ER20 VDC, E-Coil, Deutsch24AG24 VDC, D-Coil, DIN 4365024AP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DG24 VDC, D-Coil, DIN 4365024DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/WD24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DR24 VDC, D-Coil, Deutsch24DR24 VDC, D-Coil, Deutsch with Diode24DR24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650  | _        | 12EY     | 12 VDC, E-Coil, Metri-Pack 150                                  |
| 20DS20 VDC, D-Coil, Dual Spade20ER20 VDC, E-Coil, Deutsch24AG24 VDC, D-Coil, DIN 4365024AP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DG24 VDC, D-Coil, DIN 4365024DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DP24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650   |          | 12EY/Z   | 12 VDC, E-Coil, Metri-Pack 150 with Zener Diode                 |
| 20ER20 VDC, E-Coil, Deutsch24AG24 VDC, D-Coil, DIN 4365024AP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DG24 VDC, D-Coil, DIN 4365024DL24 VDC, D-Coil, Dual Lead Wires24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DR24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650  | -        | 20DR/D   | 20 VDC, D-Coil, Deutsch with Diode                              |
| 24AG24 VDC, D-Coil, DIN 4365024AP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DG24 VDC, D-Coil, DIN 4365024DL24 VDC, D-Coil, Dual Lead Wires24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/W/D24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DP24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DR24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650   | -        | 20DS     | 20 VDC, D-Coil, Dual Spade                                      |
| 24AP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DG24 VDC, D-Coil, DIN 4365024DL24 VDC, D-Coil, Dual Lead Wires24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/WD24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DL24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DR24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650   | -        | 20ER     | 20 VDC, E-Coil, Deutsch   |
| 24DG24 VDC, D-Coil, DIN 4365024DL24 VDC, D-Coil, Dual Lead Wires24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/W/D24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DP24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DR24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650  |          | 24AG     | 24 VDC, D-Coil, DIN 43650                                       |
| 24DL24 VDC, D-Coil, Dual Lead Wires24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/W/D24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DR24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650   | -        | 24AP     | 24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires                |
| 24DL/W24 VDC, D-Coil, Dual Lead Wires with Weatherpak24DL/W/D24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DR24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650   | -        | 24DG     | 24 VDC, D-Coil, DIN 43650                                       |
| 24DL/W/D24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode24DP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DR24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650   |          | 24DL     | 24 VDC, D-Coil, Dual Lead Wires                                 |
| 24DP24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires24DR24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650   | -        | 24DL/W   | 24 VDC, D-Coil, Dual Lead Wires with Weatherpak                 |
| 24DR24 VDC, D-Coil, Deutsch24DR/D24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650   |          | 24DL/W/D | 24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode      |
| 24DR/D24 VDC, D-Coil, Deutsch with Diode24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650  |          | 24DP     | 24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires                |
| 24DS24 VDC, D-Coil, Dual Spade24EG24 VDC, E-Coil, DIN 43650  |          | 24DR     | 24 VDC, D-Coil, Deutsch   |
| 24EG 24 VDC, E-Coil, DIN 43650   | -        | 24DR/D   | 24 VDC, D-Coil, Deutsch with Diode                              |
|  | L        | 24DS     | 24 VDC, D-Coil, Dual Spade                                      |
| 24EJ 24 VDC, E-Coil, AMP Jr.   | L        | 24EG     | 24 VDC, E-Coil, DIN 43650                                       |
|  | -        | 24EJ     | 24 VDC, E-Coil, AMP Jr.   |



| POSITION   | CODE     | DESCRIPTION  |
|--|----------|--|
| L  | 24EL     | 24 VDC, E-Coil, Dual Lead Wires, 18 inches long  |
| L  | 24EL/36  | 24 VDC, E-Coil, Dual Lead Wires, 36 inches long  |
| L  | 24EL/W/Z | 24 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode  |
| L  | 24ER     | 24 VDC, E-Coil, Deutsch  |
| L  | 24ER/Z   | 24 VDC, E-Coil, Deutsch with Zener Diode   |
| L  | 24EY     | 24 VDC, E-Coil, Metri-Pack 150   |
| L  | 24EY/Z   | 24 VDC, E-Coil, Metri-Pack 150 with Zener Diode  |
| L  | 36DS     | 36 VDC, D-Coil, Dual Spade   |
| L  | 115AG    | 115 VAC, D-Coil, DIN 43650   |
| L  | 115AP    | 115 VAC, D-Coil, 1/2" Conduit and Dual Lead Wires  |
| L  | 230AG    | 230 VAC, D-Coil, DIN 43650   |
| L  | 230AP    | 230 VAC, D-Coil, 1/2" Conduit and Dual Lead Wires  |
| SV10-21<br>Option<br>None (Blank<br>152µ. Screen S<br>Manual Override<br>without knob P<br>Manual Override options<br>see page 1.001.1<br>Porting<br>Cartridge Only 0<br>SAE 6 6T<br>SAE 8 8T<br>1/4 in. BSP* 3B<br>1/2 in. BSP* 4B<br>*BSP Body, UK. Mr. Only<br>Seals<br>Buna N (Std.) N<br>Fluorocarbon V |          | Std. Coil     Std. Coil       Std. Coil     Std. Coil       Std. Coil     DL leadswires (2)       DL     Leadswires (2)       DL/W     Leadswires (2)       Connectors     Connectors       DR     Deutsch DT04-2P       Termination (VAC)       Std. Coil       C     AG       DIN 43650       oil Nut     AP       1/2 in. Conduit       Termination (VDC)       E-Coil       ER     Deutsch DT04-2P       (IP69K Rated) |