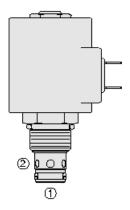


Overview

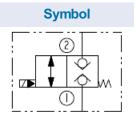


<u>Description</u>

A solenoid-operated, 2 way, normally closed, bi-directional, screw-in hydraulic cartridge valve, designed to function as a load holding or blocking valve in applications requiring low internal leakage bidirectionally

Features

- Continuous-duty rated coil.
- Hardened seat for long life and low leakage.
- Optional coil voltages and terminations.
- Cartridges are voltage interchangeable.
- Manual override option.
- Optional waterproof E-Coils rated up to IP69K.
- Industry common cavity.



Ratings

Pressure Ratings	
Pressure rating	241 bar (3500 psi)
Minimum differential pressure required	2.8 bar (20 psid) - Note: (see graph)
Flow Ratings	
Reseat flow	2.8 lpm (0.75 gpm) - Note: Required to reseat the internal poppet check balls when increasing the differential pressure across A de-energized valve from zero psid (maximum)
Maximum internal leakage	5 drops/min - Note: At 207 bar (3000 psi)
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
Storage temperature	-40 to 70 °C (-40 to 160 °F)
Ambient temperature	-40 to 70 °C (-40 to 160 °F)
Other Ratings	
Corrosion protection	960 hr salt spray per ASTM b117 (gsv10-28xx)

Operating Parameters

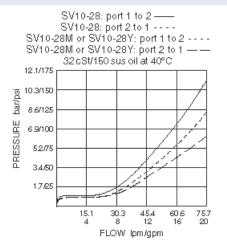
Fluids	Mineral based or synthetic hydraulic fluid with lubricating properties
Fluid viscosity range	7.4 to 420 cSt
Maximum operating contamination lev	/el 20/18/14 per ISO 4406

Properties

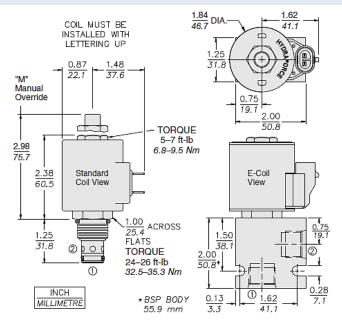
Unit weight	0.15 kg (0.34 lb)
Internal wetted surface area	129 cm ² (20.0 in ²)



Performance



Dimensions



Materials

<u>Materials</u>

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

Standard Ported Body: Weight: 0.16 kg (0.35 lb); 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 lb); Unitized thermoplastic encapsulated, Class H high temperature magnet wire. **E-Coil:** Weight: 0.41 kg (0.9 lb); Perfect wound, fully encapsulated with rugged external metal shell; Rated up to IP69K with integral connectors.

Installation Specifications

Cavity	VC10-2
Cartridge installation torque	32.5 to 35.3 N-m (24 to 26 ft-lb) 66.7 N-m (50 ft-lb) - Note: Maximum
Coil nut torque	6.8 to 9.5 N-m (5 to 7 ft-lb)
Orientation restriction	None

- Note: (x = seal option)

SK10-2X-M



Accessories

Seal kit Housings Coils

Order Code

Kina Second Se	POSITION	CODE	DESCRIPTION
EBLANKNONEEJMomentary Pull Override, Red Knurled KnobEMTwo Position Override, Red Knurled KnobEYMomentary Pull Override, Red Knurled KnobGScreenGBLANKNONEGS100 Mesh ScreenHInabdyInabdyHNo BodyH67Aluminum SAE 6HSTAluminum SAE 6HSTDDuctile fon SAE 6HSTDDuctile fon SAE 6HSTDDuctile fon SAE 7HSTDDuctile fon SAE 8HSTDDuctile fon SAE 8HSTDDuctile fon SAE 9HSTDDuctile fon SAE 9HSTDDuctile fon SAE 9HSTDDuctile fon SAE 9HSSAluminum BSPP 1/2" (4)HBUDuctile fon SSPP 1/2" (4)JSealDuctile fon SSPP 1/2" (4)JSealDuctile fon SSPP 1/2" (4)JSealDuctile fon SSPP 1/2" (4)JVFluorocarbonJNOScialJONo CoilJONo CoilLONo CoilLONo Coil, Dulat Lead WresLONo Coil, Dulat Lead WresLIOER10 VDC, P-Coil, Dulat SoLIOER10 VDC, C-Coil, Dulat SoLIOER10 VDC, C-Coil, Dulat SoLIOER10 VDC, C-Coil, Dul			SV10-28EG-H-J-L
EJMomentary Pull Override, #ed Knurled KnobEYMomentary Pull Override, Red Knurled KnobGScreenGBLANKNONEGS100 Mesh ScreenHLine BodyHONo BodyHGAurinum SAE 6HGTAurinum SAE 6HGTDuctile ton SAE 6HBTDDuctile ton SAE 6HBTDDuctile ton SAE 7HBTDDuctile ton SAE 8HBTDDuctile ton SAE 9HBTDDuctile ton SAE 9JSealAurinum BSPP 1/2" (4)JNBuna-NJPPupuretaneJVFluorocarbonJPPuputetaneJONo CollLONo CollL10DG10 VDC, D-Coll, Dual SadL10DG10 VDC, D-Coil, Dual SadL10DR10 VDC, C-Coil, Dual SadL10ERZ10 VDC, C-Coil, Dual Lead WiresL10ERZ10 VDC, C	E		Manual Override
EMTwo Position Override, Red Knurled KnobEYMomentary Pull Override, Red Knurled KnobGScreenGBLANKNoNEGBLANKNoNEG100 Mesh ScreenHIne BolyH0Na BodyH6TAluminum SAE 6H8TAluminum SAE 6H8TODuctile fon SAE 6H8TODuctile fon SAE 8H2BAluminum SSPP 1/4* (2)H3BAluminum SSPP 1/4* (2)H4BODuctile fon SAE 9H4BODuctile fon SAE 9JSAluminum SSPP 1/4* (2)H4BODuctile fon SAE 9JVSealJVSealJDuctile fon SAE 9JVSealJVSealJVSealJVSealJVPlurotamentoJVPlurotamentoJVPlurotamentoJUNo ColiL10DL10 VDC, D-Coil, Dul 43650L10DL10 VDC, D-Coil, Dul 43650L10DL10 VDC, D-Coil, Dul 43650L10EX10 VDC, D-Coil, Dul 43650L10EX10 VDC, D-Coil, Dul 43650L10EX10 VDC, D-Coil, Dul 43650L10EX10 VDC, D-Coil, Dul 4367L10EX10 VDC, D-Coil, Dul 42 VERL10EX10 VDC,	E	BLANK	NONE
FYMomentary Pull Override, Red Knurled KnobGScreenGBLANKNONEGS100 Mesh ScreenHLine BodyH0No BodyH6TAluminum SAE 6HSTAluminum SAE 7HSTDucilie kon SAE 6HSTDucilie kon SAE 6HSTDucilie kon SAE 7HSTAluminum SSPP 1/2" (3)H2BAluminum SSPP 3/8" (3)H4BDDucilie kon SSPP 1/2" (4)HBDDucilie kon SSPP 1/2" (4)HSBAluminum SSPP 1/2" (4)JVForocarbonJVForocarbonJVPolyurethaneJQPolyurethaneLCoil10 VCC, D-Coil, DuAl Se50L10DR10 VCC, D-Coil, Dual Lead WiresL10DR10 VCC, D-Coil, Dual Lead WiresL10ER10 VCC, D-Coil, Dual Lead Wires, 18 inches longL12DL12 VCC, D-Coil, Dual Lead Wires, 18 inches longL12DL12 VCC, D-Coil, Dual Lead Wires, 18 inches longL12 VCC, D-Coil, Dual Lead Wires, 18 inches longL12 VCC, D-Coil, Dual Lead Wires, 18 inches longL12 VCC, D-Coil, Dual Lead Wires, 36 inches longL12 VCC, D-Coil, Dual	E	J	Momentary Pull Override, #10-32 threads
GScreenGBLANKNONEGS100 Mesh ScreenHIne BodyH0No BodyH6TAlurinum SAE 6H6TAlurinum SAE 6H6TDDuctile fron SAE 6H8TDDuctile fron SAE 7H8TDDuctile fron SAE 8H2BAlurinum BSPP 1/4" (2)H3BAlurinum BSPP 1/2" (4)H4BDDuctile fron SAE 9JVSealJSealJVFlorocarbonJVFlorocarbonJVPolyurethaneL0No ColiL10DG10 VDC, D-Coli, DNI 4360L10DG10 VDC, D-Coli, Dual Lead WiresL10ER10 VDC, E-Coli, Dual Lead WiresL10ER10 VDC, E-Coli, Dual Lead WiresL12EQ12 VDC, D-Coli, Dual Lead Wires, 18 inches longL12DL12 VDC, D-Coli, Dual Lead Wires, 18 inches longL12DL12 VDC, D-Coli, Dual Lead Wires, 18 inches longL12 DL/3612 VDC, D-Coli, Dual Lead Wires, 18 inches longL12 DL/3612 VDC, D-Coli, Dual Lead Wires, 36 inches longL12 DL/3612 VDC, D-Coli, Dual Lead Wires, 36 inches longL12 DL/3612 VDC, D-Coli, Dual Lead Wires, 36 inches longL12 DL/3612 VDC, D-Coli, Dual Lead Wires, 36 inches longL12 DL/3612 VDC, D-Coli, Dual Lead Wires, 36 inches long	E	М	Two Position Override, Red Knurled Knob
GBLANKNONEGS100 Mesh ScreenHLine BodyH0No BodyH0No BodyH6TAluminum SAE 6H8TAluminum SAE 6H6TDDuctile Iron SAE 6H8TDDuctile Iron SAE 8H8TDDuctile Iron SAE 7H8BAluminum BSPP 1/4" (2)H3BAluminum BSPP 3/8" (3)H4BAluminum BSPP 1/2" (4)H4BDuctile Iron SAPP 1/2" (4)H8DDuctile Iron SAPP 1/2" (4)JSealDuctile Iron BSPP 1/2" (4)JVFluoroarbonJVFluoroarbonJVFluoroarbonJNo RoilBuna-NJVFluoroarbonJVPolyurethaneLCollNo CollLNo Coll10VDC, D-Coll, DIN 43650L10DR/D10 VDC, D-Coll, DIN 43650L10DR/D10 VDC, D-Coll, Dual Lead WiresL10ER/Z10 VDC, D-Coll, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, D-Coil, Dual Lead Wires, 18 Inches IongL12DL/3012 VDC, D-Coil, Dual Lead Wires, 36 Inches Iong<	E	Y	Momentary Pull Override, Red Knurled Knob
GGS100 Mesh ScreenHLine BodyH0No BodyH6TAluminum SAE 6H8TAluminum SAE 8H6TDDuctile Iron SAE 6H8TODuctile Iron SAE 6H8TODuctile Iron SAE 7H8TODuctile Iron SAE 8H3BAluminum BSPP 1/2" (3)H3BAluminum BSPP 1/2" (4)H8DDuctile Iron SAE 9JKSealJVFluorocarbonJVFluorocarbonJVFluorocarbonJOPOP UrethaneJ10DG10 VDC, D-Coil, DIN 43650L10DG10 VDC, D-Coil, Dual Lead WiresL10DR10 VDC, D-Coil, Dual SpadeL10ER10 VDC, E-Coil, Dual SpadeL10ER10 VDC, E-Coil, Dual SpadeL12DL12 VDC, D-Coil, Jual SpadeL12DL12 VDC, D-Coil, Jual SpadeL12DL12 VDC, D-Coil, Jual Lead WiresL12DL12 VDC, D-Coil, Jual Lead Wires, 18 inches longL12DL12 VDC, D-Coil, Jual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Jual Lead Wires, 36 inches longL12DL/3612 VDC, D-Coil, Jual Lea	G		Screen
HLine BodyH0No BodyH6TAluminum SAE 6H8TAluminum SAE 8H6TDDuctile Iron SAE 6H8TDDuctile Iron SAE 6H8TDDuctile Iron SAE 6H8TDDuctile Iron SAE 8H2BAluminum BSPP 1/2" (2)H3BAluminum BSPP 1/2" (3)H4BDDuctile Iron SAE 70 (3)H4BDDuctile Iron SAE 70 (3)J4BDDuctile Iron SAE 70 (3)J5ealSalariant SSPP 1/2" (4)J5ealDuctile Iron SAE 70 (3)JVFluorocarbonJ0PolyurethaneJ0PolyurethaneJ0PolyurethaneL0No CoilL10DC10 VDC, D-Coil, Dal Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10ER10 VDC, C-Coil, Dual Lead WiresL10ER/Z10 VDC, C-Coil, Dual Lead WiresL10ER/Z10 VDC, C-Coil, Dual Lead Wires TbiodeL10ER/Z10 VDC, C-Coil, Dual Lead Wires 18 Inches IongL12DL/G12 VDC, D-Coil, Dual Lead Wires, 36 Inches IongL12 VDC, D-Coil, Dual Lead Wires, 36 Inches IongL12 VDC, D-Coil, Dual	G	BLANK	NONE
H0No BodyH6TAluminum SAE 6H8TAluminum SAE 8H6TDDuctile Iron SAE 6H8TDDuctile Iron SAE 8H28Aluminum BSPP 1/4" (2)H28Aluminum BSPP 1/4" (2)H4BDuctile Iron SAE 9H4BDuctile Iron SAE 9H4BDuctile Iron SAPP 1/2" (4)H4BDuctile Iron SAPP 1/2" (4)H4BDuctile Iron SAPP 1/2" (4)JVSealJNBuna-NJVFluorocarbonJVFluorocarbonJ0PPDI UrethaneL0No CoilL10DG10 VCC, D-Coil, DIN 43650L10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead Wires, 18 inches IongL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches IongL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches IongL12DL/3612 VDC, D-Coil, Dual Lead Wires with Weatherpak	G	S	100 Mesh Screen
H6TAluminum SAE 6H8TAluminum SAE 8H6TDDucile Iron SAE 6H8TDDucile Iron SAE 8H2BAluminum BSPP 1/4" (2)H3BAluminum BSPP 3/8" (3)H4BAluminum BSPP 1/2" (4)H4BDucile Iron SAE 9JSealDucile Iron SAE 9JSealSealJSealFloorcarbonJVFloorcarbonJOPOI UrethaneLCoilCoilLCoilLONo CoilL10DG10 VDC, D-Coil, DIN 43650L10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual SpadeL10ER10 VDC, E-Coil, Dual SpadeL10ER10 VDC, E-Coil, Dual SpadeL12DG12 VDC, D-Coil, Dual SpadeL12DG12 VDC, D-Coil, Dual SpadeL12DG12 VDC, D-Coil, Dual Lead Wires 18 inches longL12DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/A12 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches long	н		Line Body
Hat8TAluminum SAE 8H6TDDuctile Iron SAE 6H8TDDuctile Iron SAE 8H2BAluminum BSPP 1/4" (2)H3BAluminum BSPP 3/8" (3)H4BAluminum BSPP 1/2" (4)H4BDDuctile Iron BSPP 1/2" (4)JSealSealJNBuna-NJVFluorocarbonJVPolyurethaneJONo CoilLONo CoilL10DG10 VDC, D-Coil, DIN 43650L10DR10 VDC, D-Coil, Dual Lead WiresL10DR10 VDC, D-Coil, Dual SpadeL10ER10 VDC, C-Coil, Dual SpadeL10ER10 VDC, E-Coil, Dual SpadeL12DG12 VDC, D-Coil, Dual Stater DiodeL12DG12 VDC, D-Coil, DIN 43650L10ER10 VDC, D-Coil, Dual Lead WiresL10ER10 VDC, D-Coil, Dual Lead WiresL10ER10 VDC, D-Coil, Dual Lead WiresL10ER12 VDC, D-Coil, Dual Lead WiresL12DG12 VDC, D-Coil, Dual Lead Wires Is inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches long	н	0	No Body
H6TDDuctile Iron SAE 6H8TDDuctile Iron SAE 8H2BAuminum BSPP 1/4" (2)H3BAuminum BSPP 3/8" (3)H4BAuminum BSPP 1/2" (4)H4BDDuctile Iron BSPP 1/2" (4)JSealJNBuna-NJVFluorocarbonJVFluorocarbonJOPOlyurethaneLCoilCoilL0No CoilL10DG10 VDC, D-Coil, DIN 43650L10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10ER/Z10 VDC, D-Coil, Dual Lead WiresL10ER/Z10 VDC, D-Coil, Dual Lead WiresL10ER/Z10 VDC, C-Coil, Dual Lead WiresL10ER/Z12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires Wire Weatherpak	н	6T	Aluminum SAE 6
H8TDDuctile Iron SAE 8H2BAluminum BSPP 1/4" (2)H3BAluminum BSPP 3/8" (3)H4BAluminum BSPP 1/2" (4)H4BDDuctile Iron BSPP 1/2" (4)JVSealJNBuna-NJVFluorocarbonJVFluorocarbonJUPolyurethaneLCoilL0No CoilL10DG10 VDC, D-Coil, DIN 43650L10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR10 VDC, D-Coil, Dual Lead WiresL10ER10 VDC, C-Coil, Dual SpadeL10ER10 VDC, C-Coil, Dual Lead WiresL10ER10 VDC, C-Coil, Dual Lead WiresL10ER10 VDC, C-Coil, Dual Lead WiresL10ER12 VDC, D-Coil, Dual Lead WiresL12DG12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL12 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires with Weatherpak	Н	8T	Aluminum SAE 8
H28Aluminum BSPP 1/4" (2)H38Aluminum BSPP 3/8" (3)H48Aluminum BSPP 1/2" (4)H4BDDuctile Iron BSPP 1/2" (4)J-SealJNBuna-NJVFluorocarbonJVFluorocarbonJUPPDI UrethaneLCoilL10DG10 VDC, D-Coil, DIN 43650L10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, C-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Dualsch with DiodeL10ER/Z10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Dualsch with Zener DiodeL12DG12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches long	Н	6TD	Ductile Iron SAE 6
H3BAluminum BSPP 3/8" (3)H4BAluminum BSPP 1/2" (4)H4BDDuctile Iron BSPP 1/2" (4)JSealJNBuna-NJVFluorocarbonJVPolyurethaneJUPDI UrethaneLCoilCoilL0No CoilL10DCD-Coil, DIN 43650L10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual SpadeL10ER10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, D-Coil, Dual Lead WiresL10ER10 VDC, D-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Dual Lead WiresL10ER/Z12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires with Weatherpak	н	8TD	Ductile Iron SAE 8
H4BAluminum BSPP 1/2" (4)H4BDDuctile Iron BSPP 1/2" (4)JSealJNBuna-NJVFluorocarbonJPPolyurethaneJOPPDI UrethaneLCoilLONo CoilL10 DQ10 VDC, D-Coil, DIN 43650L10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL0.0NO C, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER12 VDC, D-Coil, Dual Lead Wires, 18 inches IongL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches IongL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches IongL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches IongL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches Iong	н	2B	Aluminum BSPP 1/4" (2)
H4BDDuctile Iron BSPP 1/2" (4)JSealJNBuna-NJVFluorocarbonJPPolyurethaneJUPPDI UrethaneLCoilL0No CoilL10DG10 VDC, D-Coil, DIN 43650L10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Dual Lead WiresL10ER/Z12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches long	Н	3B	Aluminum BSPP 3/8" (3)
JSealJNBuna-NJVFluorocarbonJPPolyurethaneJUPPDI UrethaneLCoilLONo CoilL10DG10 VDC, D-Coil, DIN 43650L10DL10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual SpadeL10ER/I10 VDC, E-Coil, Dual Lead WiresL10ER/I10 VDC, E-Coil, Dual Lead WiresL12DG12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/J3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	н	4B	Aluminum BSPP 1/2" (4)
JNBuna-NJVFluorocarbonJPPolyurethaneJUPPDI UrethaneLCoilL0No CoilL10DG10 VDC, D-Coil, DIN 43650L10DL10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR10 VDC, D-Coil, Dual Lead WiresL10DR10 VDC, D-Coil, Dual Lead WiresL10EL10 VDC, D-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Dual Lead WiresL10ER/Z12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	н	4BD	Ductile Iron BSPP 1/2" (4)
JVFluorocarbonJPPolyurethaneJUPPDI UrethaneLCoilL0No CoilL10 DG10 VDC, D-Coil, DIN 43650L10DL10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR10 VDC, D-Coil, Dual Lead WiresL10DR10 VDC, D-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	J		Seal
JPPolyurethaneJUPPDI UrethaneLCoilL0No CoilL0No CoilL10DG10 VDC, D-Coil, DIN 43650L10DL10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual SpadeL10ER10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Dual Lead WiresL12DG12 VDC, D-Coil, Dual SpadeL12DL/3612 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	J	Ν	Buna-N
JUPPDI UrethaneLCoilL0No CoilL010 VDC, D-Coil, DIN 43650L10DG10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual SpadeL10EL10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, DeutschL12DG12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches long	J	V	Fluorocarbon
LCoilL0No CoilL10DG10 VDC, D-Coil, DIN 43650L10DL10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Dual SpadeL10ER10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Deutsch with Zener DiodeL12DG12 VDC, D-Coil, DIN 43650L12DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	J	Р	Polyurethane
L0No CoilL10DG10 VDC, D-Coil, DIN 43650L10DL10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Deutsch with DiodeL10DS10 VDC, D-Coil, Dual SpadeL10EL10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Dual Lead WiresL10ER/Z10 VDC, E-Coil, Deutsch with Zener DiodeL10ER/Z12 VDC, D-Coil, DIN 43650L12DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches long	J	U	PPDI Urethane
L10DG10 VDC, D-Coil, DIN 43650L10DL10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Deutsch with DiodeL10DS10 VDC, D-Coil, Dual SpadeL10EL10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, Deutsch with Zener DiodeL10ER/Z10 VDC, E-Coil, Deutsch with Zener DiodeL12DG12 VDC, D-Coil, DIN 43650L12DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	L		Coil
L10 DL10 VDC, D-Coil, Dual Lead WiresL10DR/D10 VDC, D-Coil, Deutsch with DiodeL10DS10 VDC, D-Coil, Dual SpadeL10EL10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, DeutschL10ER/Z10 VDC, E-Coil, Deutsch with Zener DiodeL12DG12 VDC, D-Coil, DIN 43650L12DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	L	0	No Coil
L10DR/D10 VDC, D-Coil, Deutsch with DiodeL10DS10 VDC, D-Coil, Dual SpadeL10EL10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, DeutschL10ER/Z10 VDC, E-Coil, Deutsch with Zener DiodeL12DG12 VDC, D-Coil, DIN 43650L12DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires, 36 inches long	L	10DG	10 VDC, D-Coil, DIN 43650
L10DS10 VDC, D-Coil, Dual SpadeL10EL10 VDC, E-Coil, Dual Lead WiresL10ER10 VDC, E-Coil, DeutschL10ER/Z10 VDC, E-Coil, Deutsch with Zener DiodeL12DG12 VDC, D-Coil, DIN 43650L12DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	L	10DL	10 VDC, D-Coil, Dual Lead Wires
L10 EL10 VDC, E-Coil, Dual Lead WiresL10 ER10 VDC, E-Coil, DeutschL10 ER/Z10 VDC, E-Coil, Deutsch with Zener DiodeL12DG12 VDC, D-Coil, DIN 43650L12DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	L	10DR/D	10 VDC, D-Coil, Deutsch with Diode
L10 ER10 VDC, E-Coil, DeutschL10 ER/Z10 VDC, E-Coil, Deutsch with Zener DiodeL12DG12 VDC, D-Coil, DIN 43650L12DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	L	10DS	10 VDC, D-Coil, Dual Spade
L10 ER/Z10 VDC, E-Coil, Deutsch with Zener DiodeL12DG12 VDC, D-Coil, DIN 43650L12DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	L	10EL	10 VDC, E-Coil, Dual Lead Wires
L12DG12 VDC, D-Coil, DIN 43650L12DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	L	10ER	10 VDC, E-Coil, Deutsch
L12 DL12 VDC, D-Coil, Dual Lead Wires, 18 inches longL12 DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12 DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	L	10ER/Z	10 VDC, E-Coil, Deutsch with Zener Diode
L12DL/3612 VDC, D-Coil, Dual Lead Wires, 36 inches longL12DL/W12 VDC, D-Coil, Dual Lead Wires with Weatherpak	L	12DG	12 VDC, D-Coil, DIN 43650
L 12DL/W 12 VDC, D-Coil, Dual Lead Wires with Weatherpak	L	12DL	12 VDC, D-Coil, Dual Lead Wires, 18 inches long
·	L	12DL/36	12 VDC, D-Coil, Dual Lead Wires, 36 inches long
L 12DL/W/D 12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode	L	12DL/W	12 VDC, D-Coil, Dual Lead Wires with Weatherpak
	L	12DL/W/D	12 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode



POSITION	CODE	DESCRIPTION
L	12DR	12 VDC, D-Coil, Deutsch
L	12DR/D	12 VDC, D-Coil, Deutsch with Diode
L	12DR/Z	12 VDC, D-Coil, Deutsch with Zener Diode
L	12DS	12 VDC, D-Coil, Dual Spade
-	12EG	12 VDC, E-Coil, DIN 43650
-	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
L	12EL/Z	12 VDC, E-Coil, Dual Lead Wires with Zener Diode
<u>.</u>	12ER	12 VDC, E-Coil, Deutsch
-	12ER/Z	12 VDC, E-Coil, Deutsch with Zener Diode
L	12EY	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
-	20DS	20 VDC, D-Coil, Dual Spade
-	20ER	20 VDC, E-Coil, Deutsch
-	24AG	24 VDC, D-Coil, DIN 43650
	24AP	24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires
	24DG	24 VDC, D-Coil, DIN 43650
	24DL	24 VDC, D-Coil, Dual Lead Wires
	24DL/W	24 VDC, D-Coil, Dual Lead Wires with Weatherpak
	24DL/W/D	24 VDC, D-Coil, Dual Lead Wires with Weatherpak with Diode
	24DP	24 VDC, D-Coil, 1/2" Conduit and Dual Lead Wires
	24DR	24 VDC, D-Coil, Deutsch
_	24DR/D	24 VDC, D-Coil, Deutsch with Diode
	24DS	24 VDC, D-Coil, Dual Spade
<u>.</u>	24EG	24 VDC, E-Coil, DIN 43650
	24EJ	24 VDC, E-Coil, AMP Jr.
	24EL	24 VDC, E-Coil, Dual Lead Wires, 18 inches long
	24EL/36	24 VDC, E-Coil, Dual Lead Wires, 36 inches long
	24EL/W/Z	24 VDC, E-Coil, Dual Lead Wires with WeatherPak and Zener Diode
	24ER	24 VDC, E-Coil, Deutsch
	24ER/Z	24 VDC, E-Coil, Deutsch with Zener Diode
	24EY	24 VDC, E-Coil, Metri-Pack 150
	24EY/Z	24 VDC, E-Coil, Metri-Pack 150 with Zener Diode
	36DS	36 VDC, D-Coil, Dual Spade
- -	115AG	115 VAC, D-Coil, DIN 43650
_	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
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