

Dual voltage/dual frequency

solenoid coils

Delivering **flexibility** and **convenience**



Robust
solution for you
and your customers

The new UL-certified **BT with junction box and BU with conduit boss** solenoid valve coils can operate at one of four voltage/frequency combinations: 110V/50Hz, 110–120V/60Hz, 230V/50Hz, or 208–240V/60Hz to provide greater flexibility for OEMs and a reduced need of on-hand stock for contractors.

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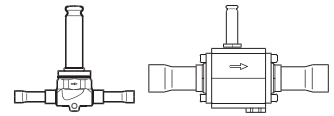


Compatible with the Danfoss Magnetic Tool app!

Turn any Android and iOS device into a precise magnetic field detector.

Technical data and ordering

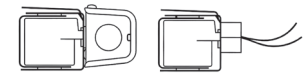
EVR Version 2 Solenoid Valves



| Danfoss Type | Rated capacity (liquid tons) | | | Solder ODF connection (in.) | Port size (in.) | Max. working pressure (psig) | Danfoss Code No. ¹ | |
|--------------|------------------------------|--------|--------|-----------------------------|-----------------|------------------------------|-------------------------------|---------------------|
| | R-22 | R-134a | R-404A | | | | with manual stem | without manual stem |
| | R-407C | | R-507A | | | | | |
| EVR 3 | 1.66 | 1.54 | 1.07 | ¼ | ⅜ | 655 | 032F1206 | |
| EVR 3 | 1.66 | 1.54 | 1.07 | ⅜ | ⅜ | 655 | 032F1204 | |
| EVR 6 | 5.47 | 5.07 | 3.51 | ⅜ | 15/64 | 655 | 032L7116 | 032L7115 |
| EVR 6 | 5.47 | 5.07 | 3.51 | ½ | 15/64 | 655 | 032L7144 | 032L1209 |
| EVR 8 | 6.52 | 6.03 | 4.18 | ½ | 5/16 | 655 | 032L7148 | 032L7121 |
| EVR 10 | 11.50 | 10.64 | 7.38 | 5/8 | 3/8 | 655 | 032L7149 | 032L1214 |
| EVR 15 | 17.71 | 16.39 | 11.37 | 5/8 | 9/16 | 655 | 032L1228 | |
| EVR 18 | 23.18 | 21.46 | 14.88 | 7/8 | 19/32 | 655 | 032L1004 | |
| EVR 20 | 36.76 | 34.04 | 23.60 | 7/8 | 7/8 | 655 | 032L1254 | 032L1240 |
| EVR 22 | 41.93 | 38.82 | 26.92 | 1 1/8 | 15/16 | 655 | 032L7137 | 032L7145 |
| EVR 25 | 60.19 | 55.72 | 38.64 | 1 3/8 | 1 | 655 | 032L2207 | 032L2208 |
| EVR 32 | 102.85 | 95.23 | 66.03 | 1 5/8 | 7/8 | 655 | 032L1103 | 032L1104 |

¹ Valve body is normally closed (NC) and excludes coil. Additional code nos. available in Coolselector or contact Danfoss.

Single Voltage Coils

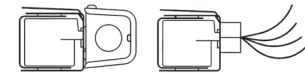


| Voltage (V) | Frequency (Hz) | Power consumption (W) | Danfoss Type (junction box) ² | Length of wire (in.) | Danfoss Code no. | Danfoss Type (conduit boss) ³ | Length of wire (in.) | Danfoss Code No. |
|-------------|----------------|-----------------------|--|----------------------|------------------|--|----------------------|------------------|
| 24 | 50/60 | 14 | BJ024CS | 7 | 018F4100 | BX024CS | 18 | 018F4102 |
| 110 | 50/60 | 16 | BJ120CS | 7 | 018F4110 | BX120CS | 18 | 018F4112 |
| 120 | 60 | 15 | | | | | | |
| 208-240 | 60 | 14 | BJ240CS | 7 | 018F4120 | BX240CS | 18 | 018F4122 |
| 230 | 50 | 17 | | | | | | |

² Enclosure rating for BJ coils is NEMA 2 ~ IP 12-32

³ Enclosure rating for BX coils is NEMA 4 ~ IP 54

Dual Voltage/Dual Frequency Coils



| Coil Type | Voltage (V) | Frequency (Hz) | Power consumption (W) | Danfoss Type (junction box) ⁴ | Length of wire (in.) | Danfoss Code no. | Danfoss Type (conduit boss) ⁵ | Length of wire (in.) | Danfoss Code No. |
|-----------|-------------|----------------|-----------------------|--|----------------------|------------------|--|----------------------|------------------|
| EVR | 110 | 50 | 12 | BT240CS | 7 | 018F4180 | BU240CS | 7 | 018F4181 |
| | 110-120 | 60 | | | | | | | |
| | 230 | 50 | | | | | | | |
| | 208-240 | 60 | | | | | | | |

⁴ Enclosure rating for BT coils is NEMA 2 ~ IP 12-32

⁵ Enclosure rating for BU coils is NEMA 4 ~ IP 54

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