

BJ/BX/BT/BU—Solenoid Coils



BJ, BX, BT, and BU coils are designed to be used with Danfoss electric expansion and solenoid valves and offer easy mounting and dismantling with high-reliability. EVR solenoid valves and AKV electric expansion valves should be paired with standard BJ, BX, BT, or BU coils while AKVH electronic expansion valves for high pressure refrigerants should be paired with high MOPD BJ or BX coils. While BJ and BX coils have a set voltage and frequency, BU and BT coils can be configured with one of four voltages and frequencies.

Coil type	Voltage (V)	Frequency (Hz)	Power consumption (W)	Danfoss Type (junction box)	Length of wire (in.)	Danfoss Code No.	Danfoss Type (conduit boss)	Length of wire (in.)	Danfoss Code No.
Standard Coil	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						
High MOPD Coil	120	60	16	BJ120BS	7	018F4130	BX120BS	98	018F4131
	208	60	16	BJ208BS	7	018F4132	BX208BS	98	018F4133
	240	60	16	BJ240BS	7	018F4134	BX240BS	98	018F4135

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

SGP—Sight Glasses



Danfoss sight glasses indicate the presence of moisture in refrigeration and air conditioning systems.

Danfoss Type	Version	Connection (in.)	Ambient temp. (°F)	Max. working pressure (psig)	Danfoss Code No.
SGP 6 N	Flare int. x ext.	¼ x ¼	–60 to 175	750	014L0171
SGP 10 N		3/8 x 3/8			014L0172
SGP 12 N		½ x ½			014L0173
SGP 6s N	ODF x ODF solder	¼ x ¼			014L0181
SGP 10s N		3/8 x 3/8			014L0182
SGP 12s N		½ x ½			014L0183
SGP 16s N		5/8 x 5/8			014L0145
SGP 22s N		7/8 x 7/8			014L0186
SGP 1/2 RN	NPT	½			014L0006