

Data sheet

Coils for solenoid valves

Type BJ and BX



BJ and BX are a series of coils with UL approval. The coils are designed to be used with Danfoss solenoid valves.

Features

- High reliability and long lifetime
- Easy mounting and dismounting
- UL approved coil range
- Covering standard voltage and frequency
- Two electrical connection versions

Approval

US Listed with EVR, MH7648

Technical data

Design
In accordance with UL 429

Insulation of coil wire
Class H according to IEC 85

Power supply
Alternating current (a.c.)

Connection
Junction box or Conduit boss

Permissible voltage variation
Alternating current (a.c.): 0% – -15%

Enclosure, IEC 529
Junction box NEMA 2 ~ IP 12–32
Conduit boss NEMA 4 ~ IP 54

Power consumption
Alternating current (a.c.): Inrush: 49 VA;
Holding: 28 VA, 16 W

Ambient temperature
-40 – 122 °F (-40 – 50 °C)

Ordering

BJ and BX Coils

Valve type	Coil type	Code no.	Wire length		Voltage V ac.	Frequency Hz	Power consumption
			in.	cm			

Junction box NEMA 2



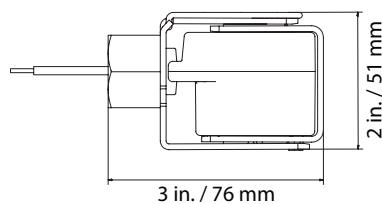
EVR EVRA / EVRAT EVRs / EVRST EVM	BJ024CS	018F4100	7	18	24	50 / 60	14
	BJ120CS	018F4110	7	18	110 120	50 / 60 60	16 15
	BJ240CS	018F4120	7	18	208 – 240 230	60 50	14 17

Conduit boss NEMA 4



EVR EVRA / EVRAT EVRs / EVRST EVM	BX024CS	018F4102	18	46	24	50 / 60	14
	BX024CS	018F4103	71	180	24	50 / 60	14
	BX024CS	018F4104	98	250	24	50 / 60	14
	BX120CS	018F4112	18	46	110 120	50 / 60 60	16 15
	BX120CS	018F4113	36	91			
	BX120CS	018F4114	71	180			
	BX120CS	018F4115	98	250	208 – 240 230	60 50	14 17
	BX240CS	018F4122	18	46			
BX240CS	018F4123	98	250				

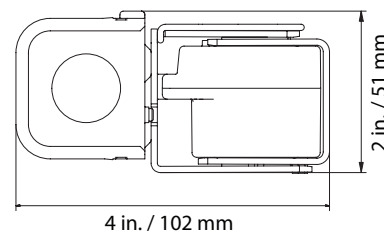
Dimensions and weights



Danfoss
18F06.10

1 5/8 in. / 41 mm

Conduit Boss



Danfoss
18F07.10

2 in. / 51 mm

Junction Box