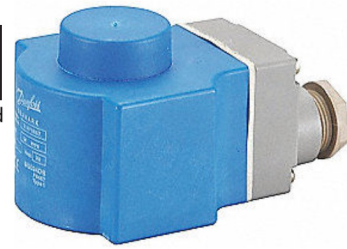


**Danfoss**  
018F6857 Solenoid  
Coil



## Danfoss 018F6857 Solenoid Coil Installation Guide

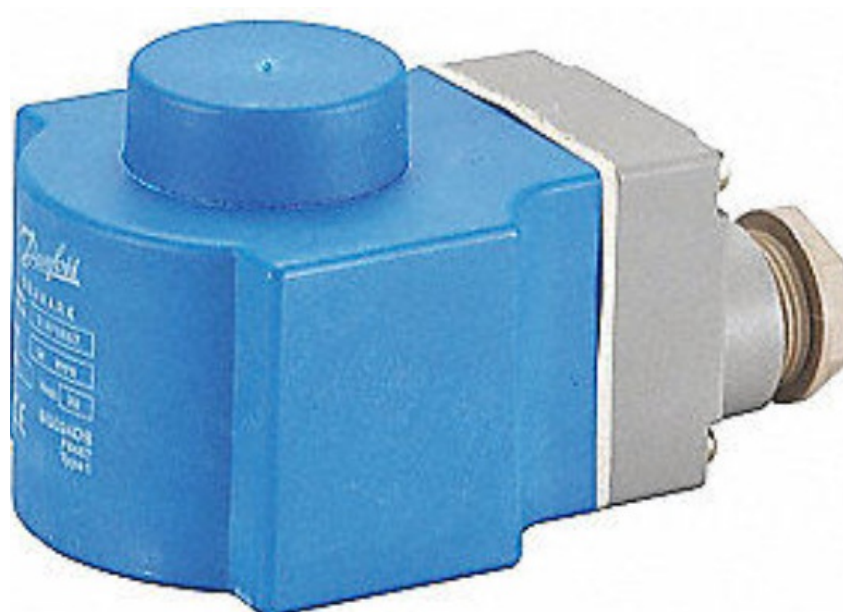
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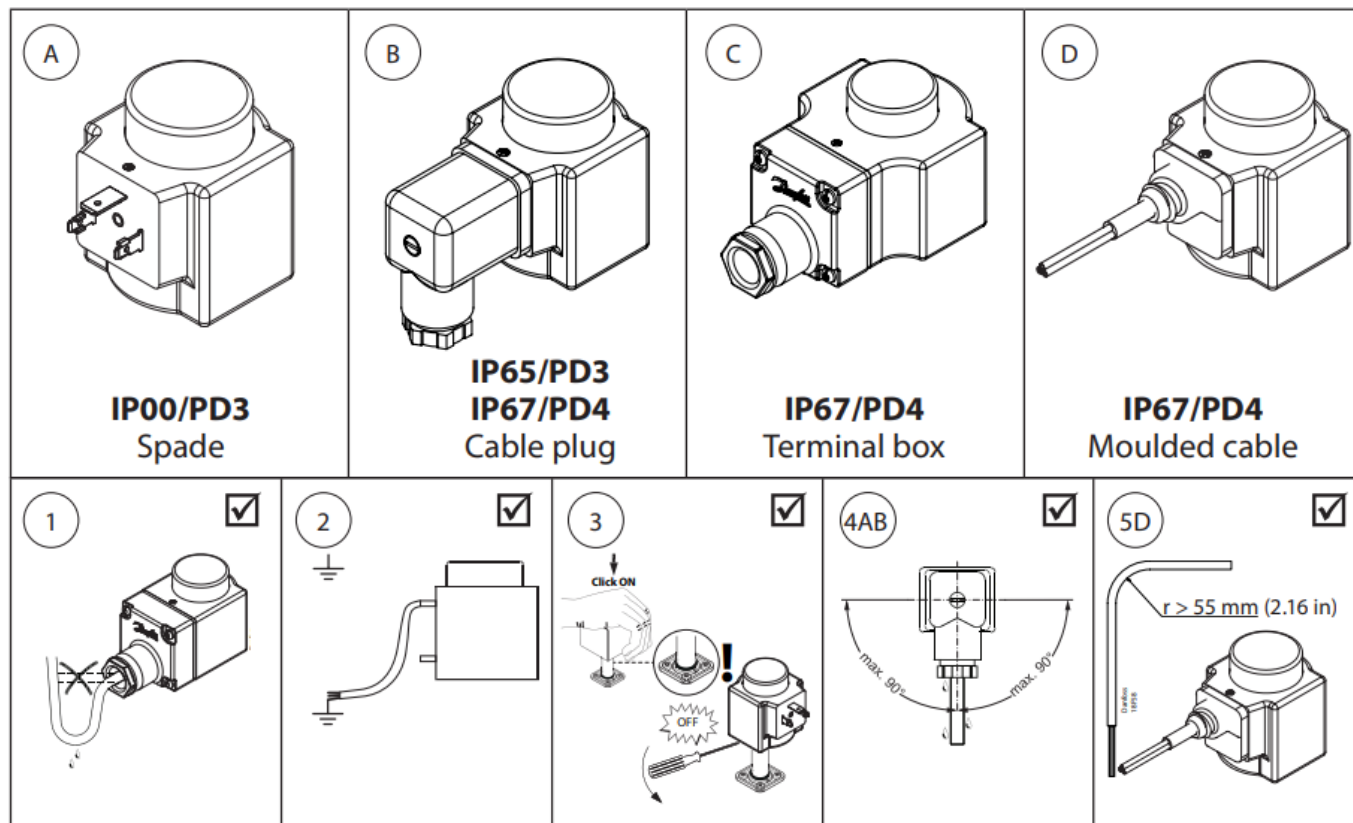
### Danfoss 018F6857 Solenoid Coil



AN283140309710en-000601 | 1

## Solenoid coil

Type BB, BG, BQ, BT, BU, BY and BN



## SEPECIFICATION

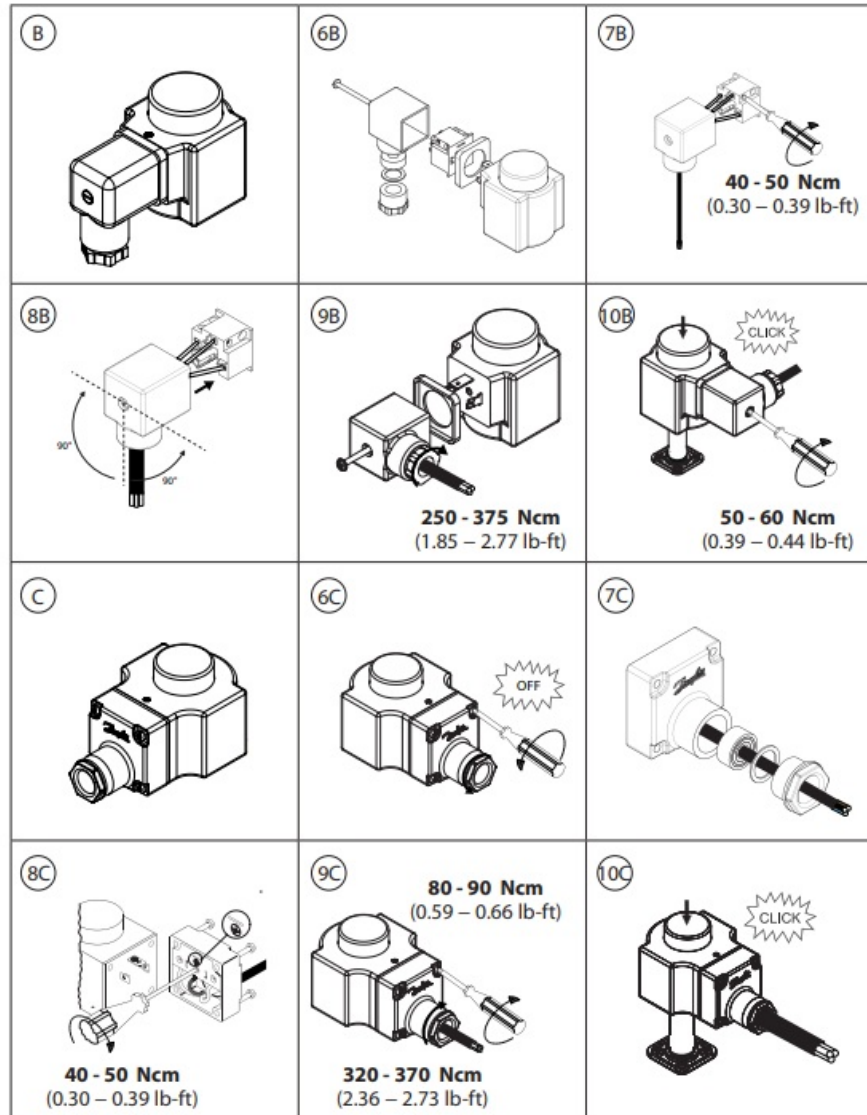
Type of control	1
Class of protection	Class I
Ambient temperature	See Tambient on coil
Voltage variation	For voltage variation, see the print on the coil
Voltage tolerances	For voltage tolerances, see the datasheet when ordering the coil
Humidity	Only non-conductive pollution occurs, except that occasionally a temporary conductivity caused by  Condensation is to be expected.
Ball pressure test	200 °C (392 °F)

Impulse with stand voltage	Terminal box Cable	4.0 kV at altitude <4000 m (13123 ft)		
	Spade	4.0 kV at altitude <4000 m (13123 ft)		
		4.0 kV at altitude <4000 m (13123 ft)		
		Plug	4.0 kV at altitude <2000 m (6561 ft)	
3.1 kV 2000 m<altitude<4000 m (6561<altitude<13123 ft)				
Overvoltage category	III			
Degree of protection IPX X Pollution degree PDX	Enclosure rating according to IEC standard 60529, Pollution degree according to EN60664-1		IP67 plug	PD4
			IP65 plug IP20 protection cap IP00 spade	PD3
Installation	Integrated control (picture A – D) Incorporated control (picture A – D) Independently mounted control (IP65 and IP67) (picture B – D)			
Suitable cable and  Conductor size for the terminal box	$\varnothing 6.6 - \varnothing 11$ mm ( $\varnothing 0.26 - \varnothing 0.43$ in)  0.75 – 1.5 mm² (21 – 15 AWG flexible cord)			
Suitable cable for the cable plug	See the datasheet when ordering the coil			
Moulded cable size  Cable conductor size	$\varnothing 6.6$ mm ( $\varnothing 0.26$ in )  3 x 0.75 mm² (3 x 0.001 in²)			
Moulded cable	The supply cord of this control cannot be replaced if the cord is damaged. The control should be discarded-			
Plugs can be removed/ mounted	10 times			
Surface temperature	Independently mounted controls should be sealed if the coil temperature exceeds higher than 85°C			

- Only qualified personnel is allowed to install or maintain this product
- Disconnect the power when dismantling the coil

- Avoid direct exposure to alkaline conditions; use in neutral conditions is recommended
- If the coil is used as an independently mounted control, the end-user shall use a plastic cable gland with strain relief
- Technical specifications are according to EN60730-1

## ASSAMBLLY INSTRUCTION



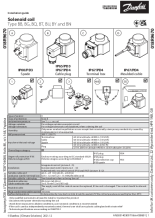
## CONTACT

Visit [www.products.danfoss.com](http://www.products.danfoss.com) for further technical data

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**Info for UK customers only:** Danfoss Ltd., 22 Wycombe End, HP9 1NB, GB

## Documents / Resources



**[Danfoss 018F6857 Solenoid Coil](#) [pdf] Installation Guide**  
32U1774.10, 18F58, 018F6857 Solenoid Coil, 018F6857, Solenoid Coil, Coil

**References**

-  [Danfoss France Product Store | Homepage](#)
- [User Manual](#)

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