



Features

- Encapsulated coils with long operating life, even under extreme conditions
- Standard coils for a.c. or d.c.
- Standard coils available with 3-core cable, terminal box or DIN plugs
- Standard coils from 12 V to 420 V, 50, 60 or 50/60 Hz
- Standard coils dimensioned for max. opening differential pressure (MOPD) of up to 21 bar
- Coils can be fitted or removed without the use of tools

Technical data

Ambient temperature
10 or 12 W a.c. coil
for NC (normally closed) valve:
-40 → +80°C

10 W a.c. coil
for NO (normally open) valve:
-40 → +55°C

20 W d.c. coil
for NC and NO valve:
-40 → +50°C

Permissible voltage variation
10 and 12 W a.c. coils: +10 → -15% and as
double frequency coils: ±10%
a.c. coils for 220-230 / 380-400 V: +6 → -15%
and as double frequency coils: +6 → -10%
20 W d.c. coils: ±10%.

Enclosure
IP 67 with cable or terminal box
IP 20 with DIN plugs and protective cap
IP 65 with DIN socket
IP 00 with DIN plugs.

Approvals
See under the required solenoid valve.

Connection

3-core cable
The external thread in the screwed cable entry
suits flexible steel hose or corresponding cable
protection.

Terminal box
Leads are connected to terminal screws in the
terminal box. The box is fitted with a Pg 13.5
screw entry for 6 → 14 mm cable.
Max. lead cross section: 2.5 mm².

DIN plugs
The three pins on the coil can be fitted with
spade tabs, 6.3 mm wide (to DIN 46247).
The two current carrying pins can also be fitted
with spade tabs, 4.8 mm wide.
Max. lead cross section: 1.5 mm².
Use of the protective cap supplied will prevent
inadvertent contact with live parts.

DIN socket
(to DIN 43650)
Leads are connected in the socket. The socket
is fitted with a Pg 11 screw entry for
6 → 12 mm.

Ordering

Standard coils



Valve type	Voltage V	Frequency Hz	Code no.	Appendix no. Indicates voltage and frequency	Power consumption
			With DIN plugs IP 00		

Alternating current a.c.

EVR 2	24	50	042N7408	16	Holding: 10 W 21 VA Inrush: 44 VA
	115	50	042N7412	22	
	220-230	50	042N7401	31	
	240	50	042N7402	33	
	380-400	50	042N7404	37	
	420	50	042N7405	38	
	110	50/60	042N7430	21	
	220-230	50/60	042N7432	32	

Valve type	Voltage V	Frequency Hz	Code no.			Appendix no. Indicates voltage and frequency	Power consumption
			With 1 m 3-core cable IP 67	With terminal box IP 67	With DIN plugs and protective cap IP 20		

Alternating current a.c.

EVR 3 → 40 (NC)	12	50	018Z6256	018Z6706	018Z6181	15	Holding: 10 W 21 VA Inrush: 44 VA
EVR 6 → 22 (NO)	24	50	018Z6257	018Z6707	018Z6182	16	
EVRC	42	50	018Z6258	018Z6708	018Z6183	17	
EVRA	48	50	018Z6259	018Z6709	018Z6184	18	
EVRA	115	50	018Z6261	018Z6711	018Z6186	22	
EVRS / EVRST	220-230	50	018Z6251	018Z6701	018Z6176	31	
PKVD	240	50	018Z6252	018Z6702	018Z6177	33	
EVM (NC)	380-400	50	018Z6253	018Z6703	018Z6178	37	
	420	50	018Z6254	018Z6704	018Z6179	38	
	24	60	018Z6265	018Z6715	018Z6190	14	
	115	60	018Z6260	018Z6710	018Z6185	20	
	220	60	018Z6264	018Z6714	018Z6189	29	
	240	60	018Z6263	018Z6713	018Z6188	30	
	110	50/60	018Z6280	018Z6730	018Z6192	21	
	220-230	50/60	018Z6282	018Z6732	018Z6193	32	

Direct current d.c.

Coil type I

EVR 2 → 15 (NC)	12			018Z6856		01	20 W
EVR 25 → 40 (NC / NO)	24			018Z6857		02	
EVR 6 → 15 (NO)	48			018Z6859		04	
EVRC 10 → 15	110			018Z6860		06	
EVRA 3 → 15 (NC)	115			018Z6861		07	
EVRA 25 → 40 (NC)	220			018Z6851		09	
EVRA 10 → 15 (NC)							
EVRS / EVRST 3 → 15							
PKVD							
EVM (NC / NO)							

Direct current d.c.

Coil type II

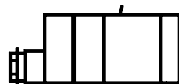
EVR 20 → 22 (NC / NO)	12			018Z6886		01	20 W
EVRC 20	24			018Z6887		02	
EVRA 20	48			018Z6889		04	
EVRA 20	110			018Z6890		06	
EVRA 20	115			018Z6891		07	
EVRA 20	220			018Z6881		09	

See "Opening differential pressure" under "Technical data" for the valve concerned.

When replacing a coil with terminal box, it is sufficient to change the coil unit itself. Therefore, order coil with DIN plugs and protective cap.

Ordering (continued)

Special coils



Valve type	Voltage V	Frequency Hz	Code no.	Appendix no. Indicates voltage and frequency	Power consumption
			With terminal box IP 67		

Alternating current a.c.

EVR 3 → 40 EVRC EVRA EVRAT EVR5 / EVRST PKVD EVM (NC / NO)	24	50	018Z6807	16	Holding: 12 W 26 VA Inrush: 55 VA
	42	50	018Z6808	17	
	48	50	018Z6809	18	
	110	50	018Z6811	22	
	220-230	50	018Z6801	31	
	240	50	018Z6802	33	
	380-400	50	018Z6803	37	
	24	60	018Z6815	14	
	110	60	018Z6813	20	
	220	60	018Z6814	29	

See "Opening differential pressure" under "Technical data" for the valve concerned.

When replacing a coil with terminal box, it is sufficient to change the coil unit itself. Therefore, order coil with DIN plugs and protective cap.



Accessories

Description	Code no.
DIN socket	042N0156
Terminal box with build-in light emitting indicator diode for solenoid valves	018Z0089

Dimensions and weights

See under the required solenoid valve.

Data sheet

UL listed coil, type GP

Introduction

With the Danfoss general purpose coils, type GP, for solenoid valves the mounting with a "click-on". Danlok™ makes mounting faster and easier and keeps the coil safely in place.



Features

- Easy mounting and dismounting
- No loose parts during operation
- Suitable to all standard solenoid valves
- Available with junction box or conduit boss

Approvals

- UL listed with EVR, MH 7648
- CSA certified, SA 52727

Technical data

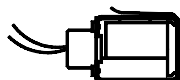
Enclosure
junction box: NEMA 2 ~ IP 12 - 32
Conduit boss: NEMA 4 ~ IP 54

Ordering

Connection	Cable length in.	Voltage V	Frequency Hz	Code.no	Power consumption
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Junction box



Conduit coil

Vekselstrøm a.c.

Junction box		120/208-240	50/60	018Z7600	Indkoblet 17.5 W 40 VA
Junction box		24	50/60	018Z7613	
Junction box		110/120	50/60	018Z7612	
Junction box		208/240	50/60	018Z7611	
Conduit boss	18	24	50/60	018Z7623	under indkobling 76VA
Conduit boss	18	110/120	50/60	018Z7622	
Conduit boss	18	208/240	50/60	018Z7621	

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