

Installation Guide

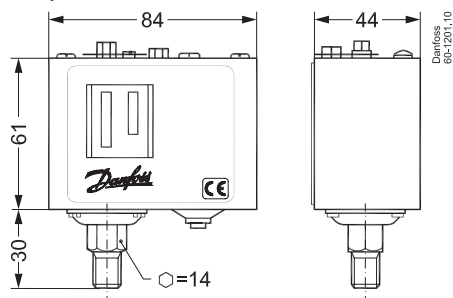
Pressure Controls

KP 33, KP 34, KP 35, KP 36 and KP 37

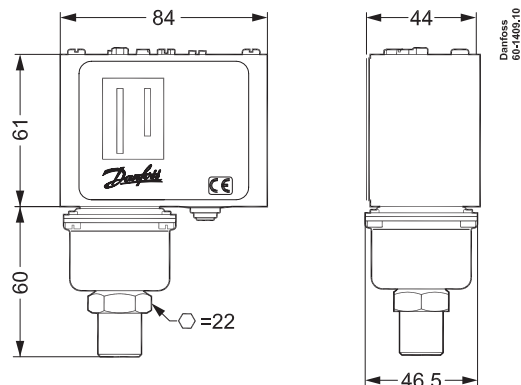
060R9309

060R9309

KP 35, KP 36, KP 37



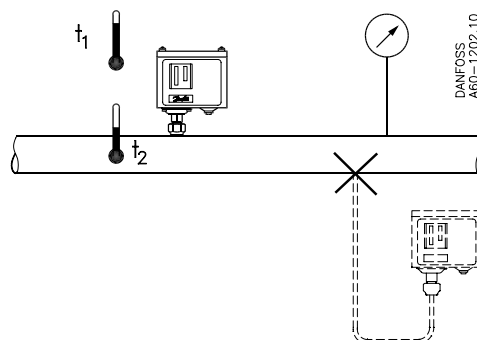
KP 33, KP 34



KP 33, KP 34, KP 35, KP 36, KP 37

t_1 min. -40°C
 t_1 max. 65°C

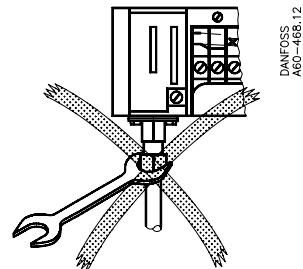
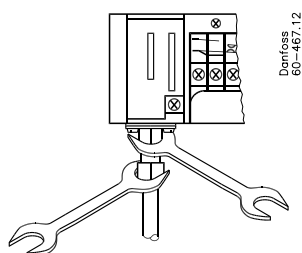
t_2 min. -40°C
 t_2 max. 100°C



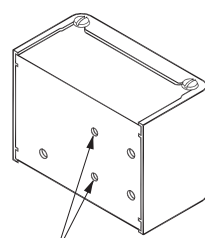
$P_{\text{test max.}}$

KP 33: 10 bar
KP 34: 6 bar
KP 35: 22 bar
KP 36: 22 bar
KP 37: 32 bar

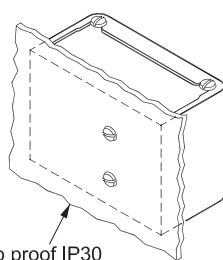
No maintenance is required for the controls after final installation



KP 35, KP 36, KP 37

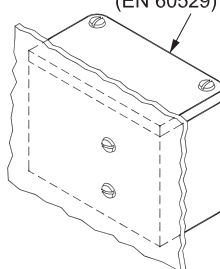


8-32 UNC (M4)



Drip proof IP30
(EN 60529)

Enclosure IP44
(EN 60529)

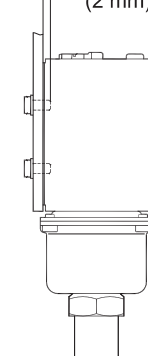


max. 1/8 in.
(3mm)

Danfoss
60-306.18

KP 33, KP 34

max. 1/8 in.
(2 mm)



Danfoss
60-1410.10

CAUTION:

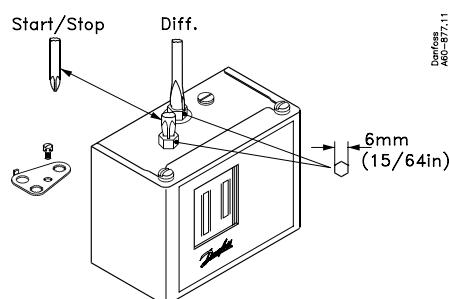
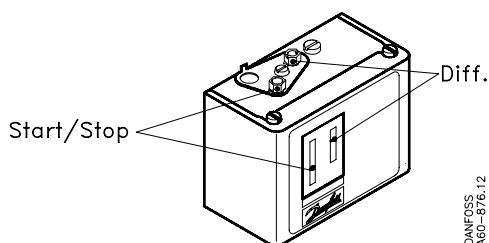
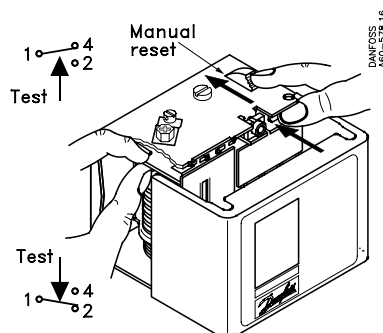
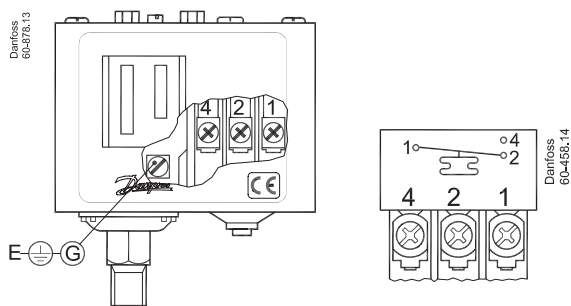
The mounting panel must be plane to avoid damage of control



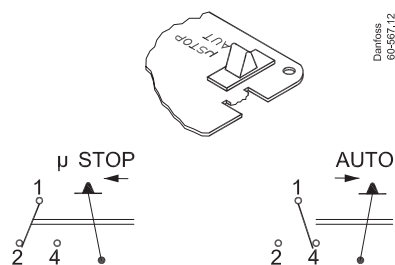
CAUTION:

Disconnect power supply before wiring connections are made or service to avoid possible electrical shock or damage to equipment.

Do never touch live parts with your fingers or with any tool.



Please note: scale in KP units is indicative only. For accurate setting or when using according to FM approval use additional pressure gauge to set the unit.



KP 36	060-548766
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When used acc. to UL or FM regulations

UL Listed refrigeration controller 61B5

Voltage	FL	LR	Resist.	Pilot
AC	A	A	lead	duty
240	8	48	8 A	3 A
120	16	96	16 A	
240				12 W

Use copper wire only
Tightening torque 20 lb. in.

Contact system with standard AG contacts
Single pole changeover switch (SPDT)

Alternating current:

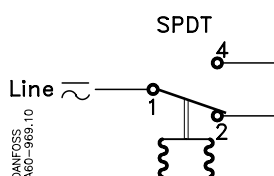
AC-1: 16 A, 400 V

AC-3: 16 A, 400 V

AC-15: 10 A, 400 V

Direct current:

DC-13: 12 W, 220 V



Contact system with gold contacts
Single pole changeover switch (SPDT)

1...30 mA, 5...30 V DC

