

Installation guide

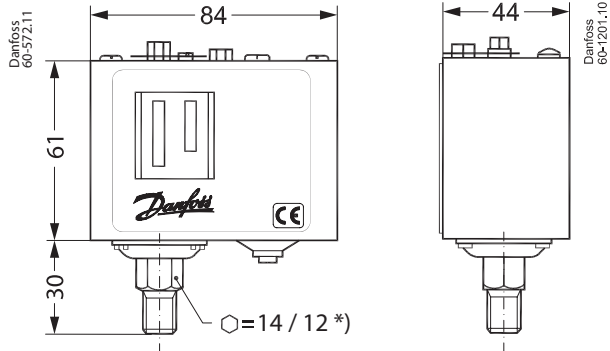
Pressure switch

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



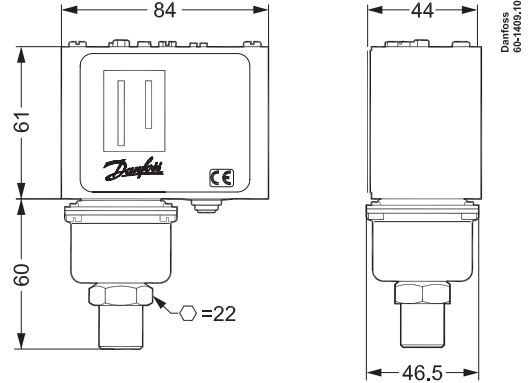
060R9309

KP 35, KP 36, KP 37



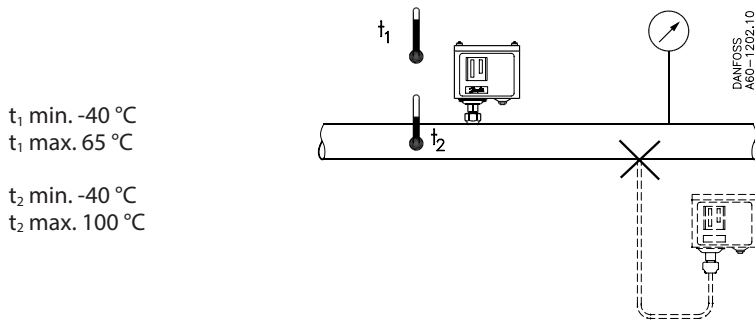
*) KP 35 (060-604891)

KP 33, KP 34



060R9309

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

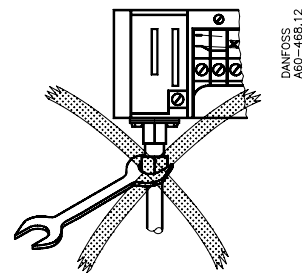
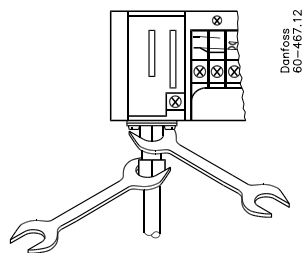


t_1 min. -40°C
 t_1 max. 65°C
 t_2 min. -40°C
 t_2 max. 100°C

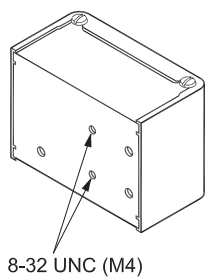
$P_{\text{test max.}}$

KP 33: 10 bar
KP 34: 6 bar
KP 35: 22 bar (19 bar 060-604891)
KP 36: 22 bar
KP 37: 32 bar

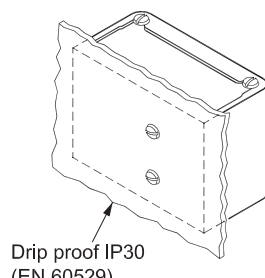
No maintenance is required for the switches after final installation.



KP 35, KP 36, KP 37

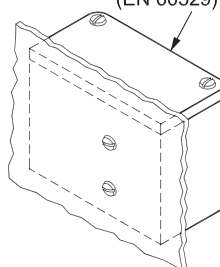


8-32 UNC (M4)



Drip proof IP30
(EN 60529)

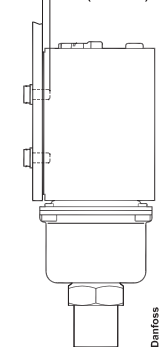
Enclosure IP44
(EN 60529)



max. 1/8 in.
(3mm)

KP 33, KP 34

max. 1/8 in.
(2 mm)



Danfoss
60-506.16

Danfoss
60-1410.10



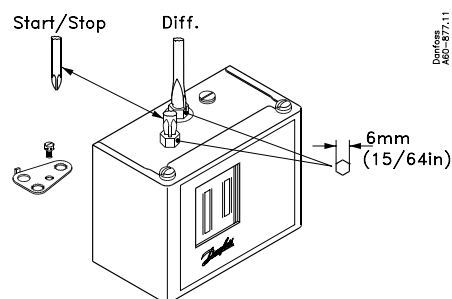
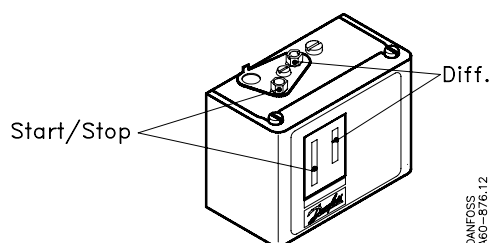
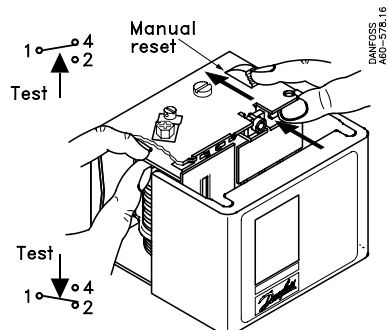
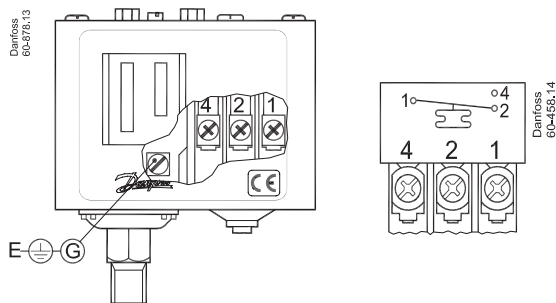
CAUTION:

The mounting panel must be plane to avoid damage of switch.

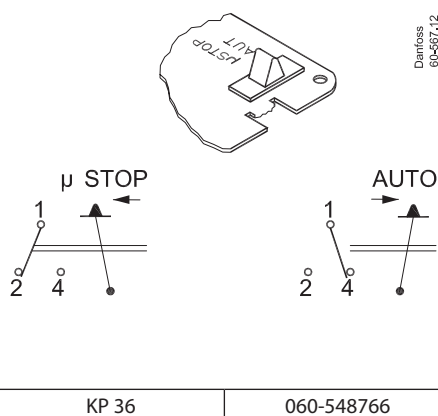


CAUTION:

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.



Electrical rating - General

LR 112A	AC 1: 16 A	400 V	DC 13
	AC 3: 16 A		12 W
	AC 15: 10 A		220 V

When used acc. to UL or FM regulations

Listed refrigeration controller 61B5					
Voltage		FL	LR	Resist. load	Pilot duty
AC	DC	A	A		
240	-	8	48	8 A	3 A
120	-	16	96	16 A	
-	240	-	-	-	12 W

Use copper wire only
Tightening torque 20 lb. in.

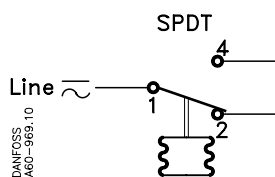
Contact system with standard AG contacts.
Single pole changeover switch (SPDT).

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

Contact load when Au surface is burned away:

Alternating current:

AC-1: 10 A, 400 V
AC-3: 6 A, 400 V
AC-15: 4 A, 400 V

Direct current:

DC-13: 12 W, 220 V

