



Danfoss KPI 34 Pressure Switch Installation Guide

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Installation guide

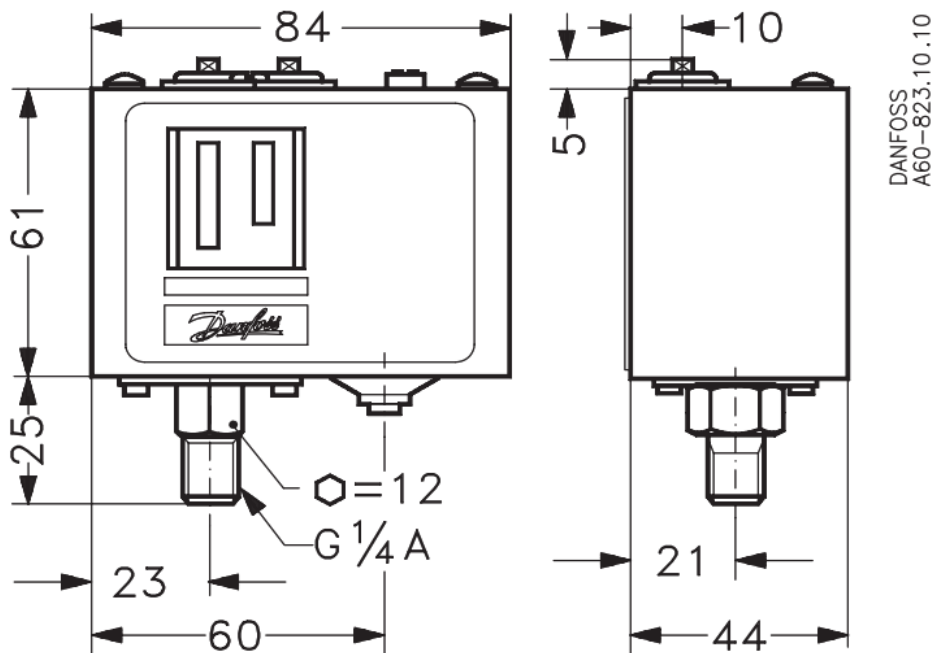
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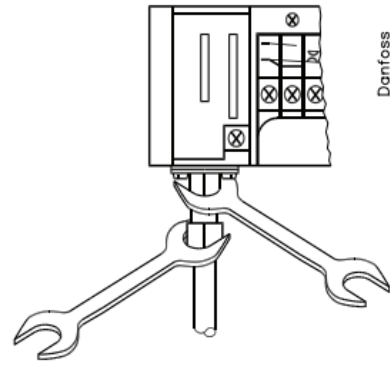
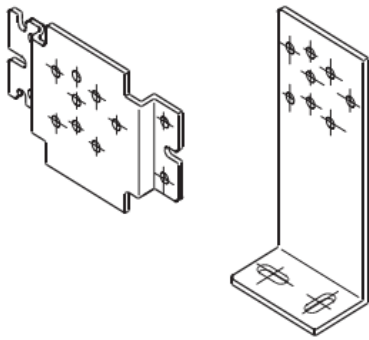
Pressure switch

Type KPI 34, KPI 35, KPI 36, and KPI 38

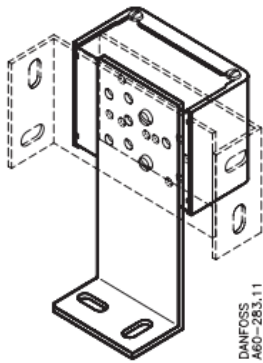


UK
CA

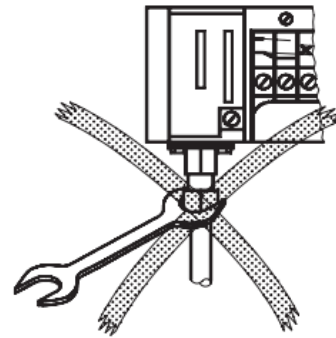




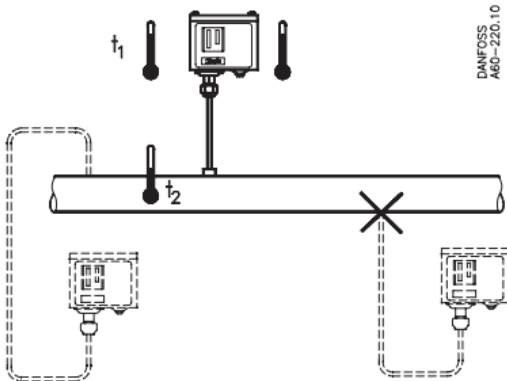
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A60-283.11



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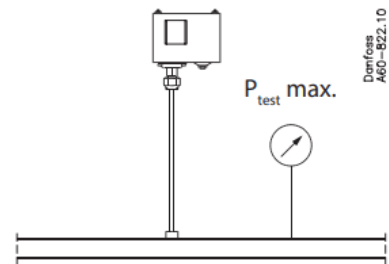


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A60-220.10

KPI 34, KPI 35, KPI 36, KPI 38

t_1 min. -40 °C
 t_1 max. 65 °C

t_2 min. -40 °C
 t_2 max. 100 °C



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A60-822.10

KPI 34: 18 bar
KPI 35: 18 bar
KPI 36: 18 bar
KPI 38: 30 bar

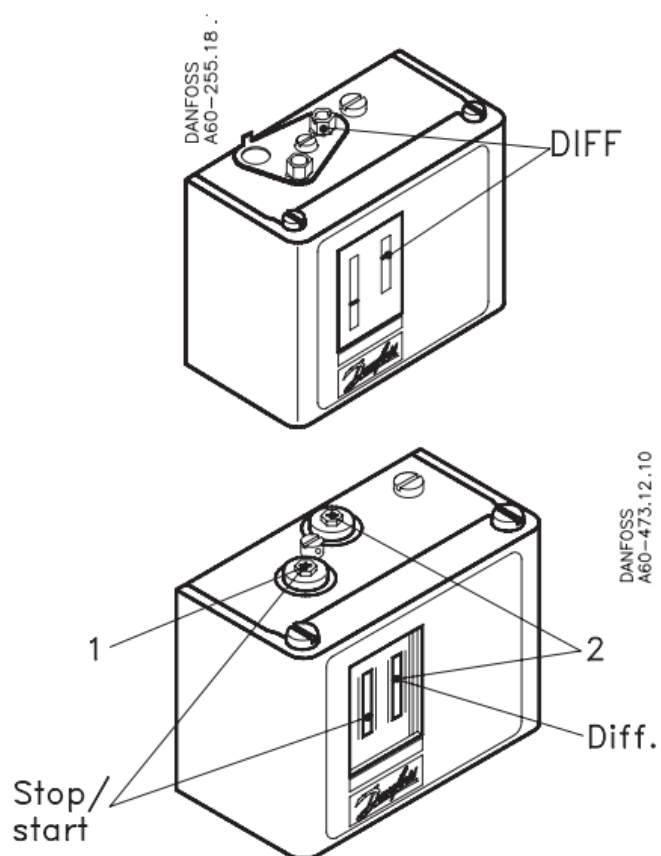
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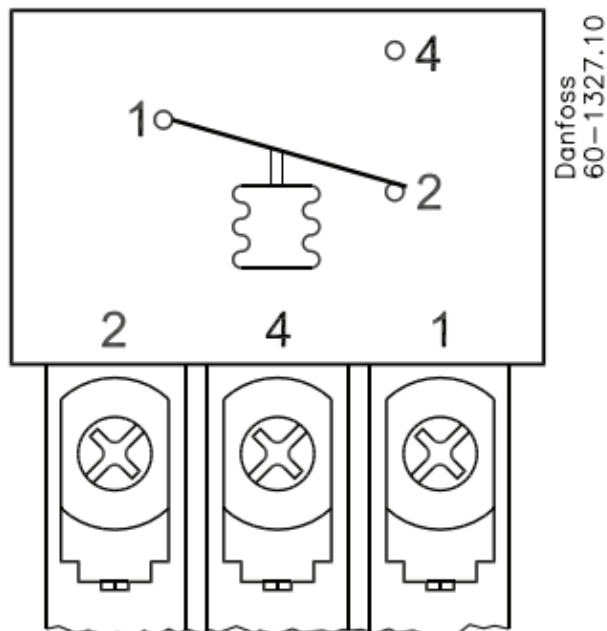
KPI 34 Pressure Switch

Type	Range	Diff.
KPI 34	-0.2 — 3 bar	0.5 — 1.25 bar
KPI 35	-0.2 — 8 bar	0.4 — 2 bar
KPI 36	4-12 bar	0.5 — 1.6 bar
KPI 38	8 — 28 bar	1.8 — 6 bar

Please note: No maintenance is required for the switches after final installation.



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



Standard contact Alternating current

AC-1: 10 A, 440 V

AC-3: 6 A, 440 V

AC-15: 4 A, 440 V

Blocked rotor: 112 A

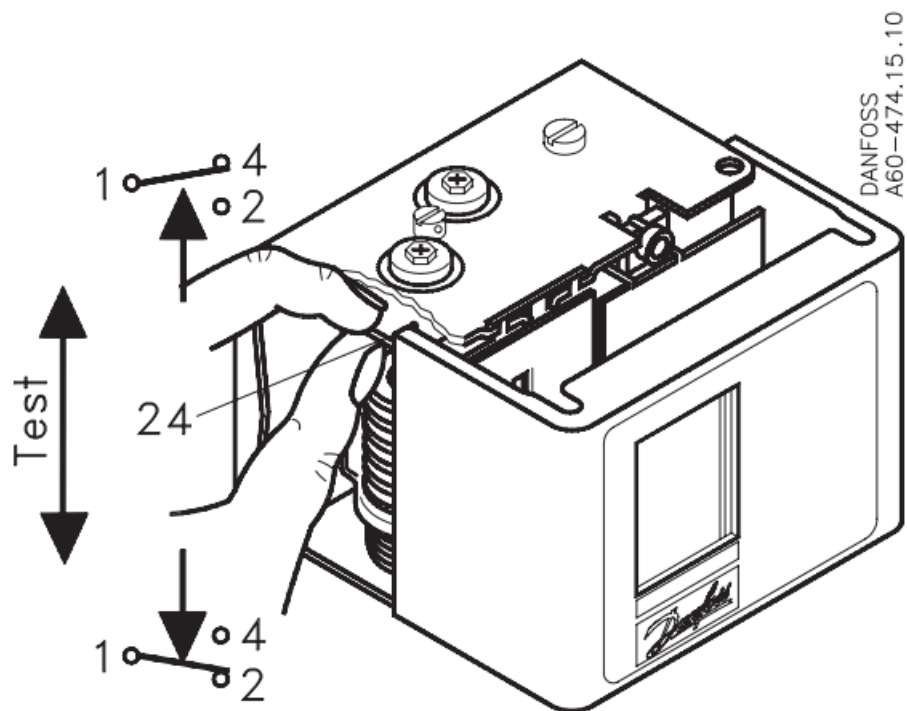
Direct current: DC-13, 12 W, 220 V



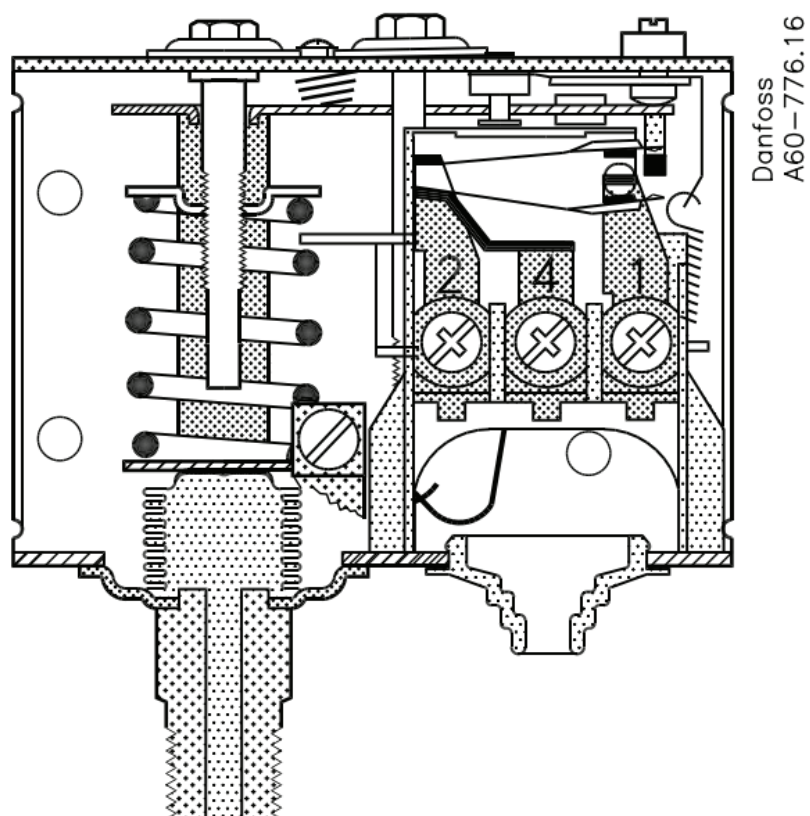
Listed refrigeration controller 61B5

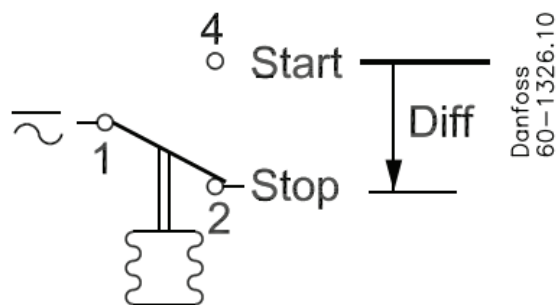
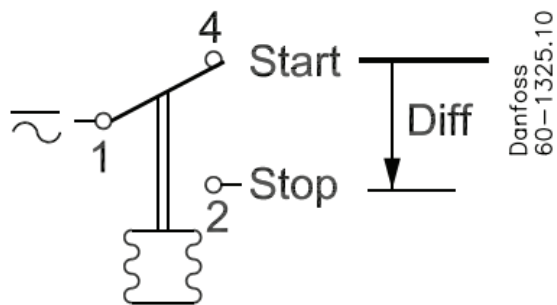
Voltage		FL A	LR A	Resist. load	Pilot duty
AC	DC				
240	—	6	36	8 A	3A
120	—	8	48	10 A	
—	240	—	—		12W

Use copper wire only Tightening torque to 20 lb. in.



⚠ CAUTION: Disconnect the power supply before wiring connections are made or serviced to avoid possible electrical shock or damage to equipment. Do never touch live parts with your fingers or with any tool.



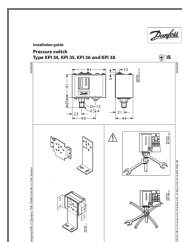


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Info for UK customers only: Danfoss Ltd., 22 Wycombe End, HP9 1 NB, GB

Documents / Resources



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