

060R9752

Installation Guide

Pressure Control Type KP 15A

060R9752

Refrigerants R717, HCFC and non-flammable HFC

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 $t_1 > t_2$

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Do not mount the control in a position where

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t₁ min .: -40 °F (-40 °C) t₁ max.: 65 °C (149 °F)

CAUTION:

Cutting ring

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Cutting ring

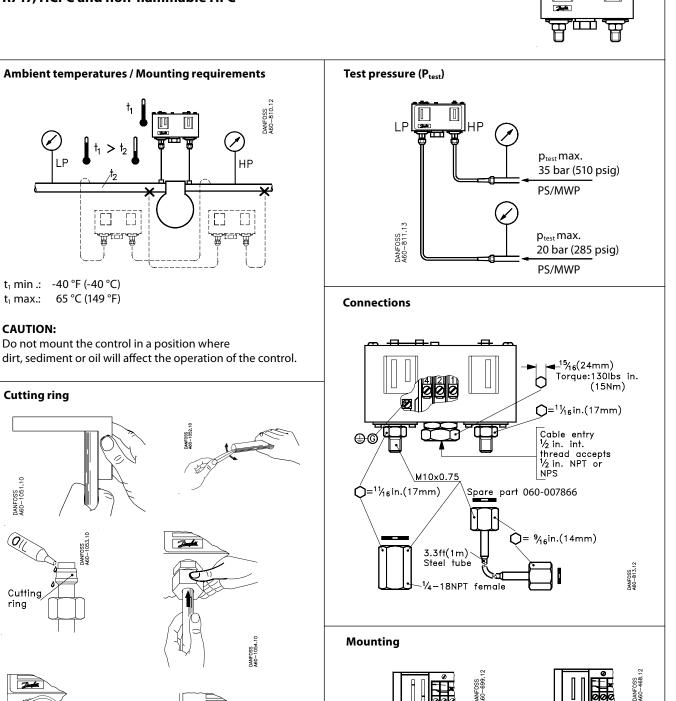
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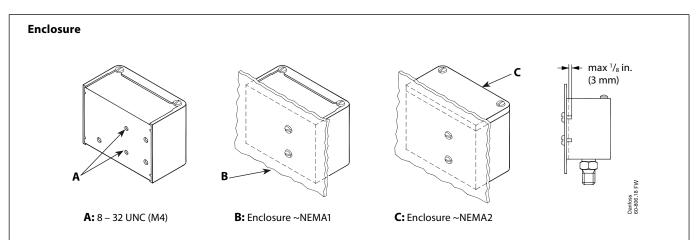
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CAUTION:

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.

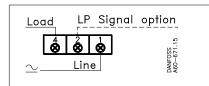
Wiring

All wiring should conform to the National Electrical Code and local regulations.

SPDT

Controls with low pressure (LP) signal

Terminal block



CAUTION:

Use terminal screws furnished in the contact block. Use tightening torque 20 lb. in (2.3 Nm). Use copper wire only.

Low pressure (LP) side: A-C close on LP rise A-C open on LP drop

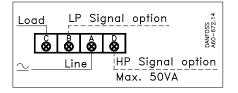
High pressure (HP) side. A-C open on HP rise A-C close on HP drop

LP signal option: A-B close on LP drop

See label for current wiring inside cover

Controls with low pressure (LP) and high pressure (HP) signal)

Terminal block



CAUTION:

Use terminal screws furnished in the contact block. Use tightening torque 20 lb. in (2.3 Nm). Use copper wire only.

Low pressure (LP) side: A-C close on LP rise A-C open on LP drop

High pressure (HP) side. A-C open on HP rise A-C close on HP drop

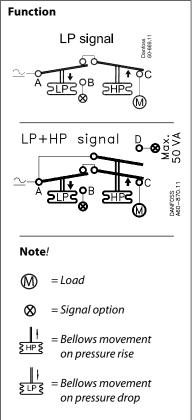
LP signal option: A-B close on LP drop

HP signal option: A-D close on HP rise

Contact load ratings

FLA, 96 LRA
LA, 48 LRA
W pilot duty

See label inside cover

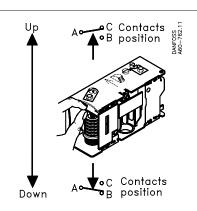




Manual tripping

(Electrical contacts/wiring test)

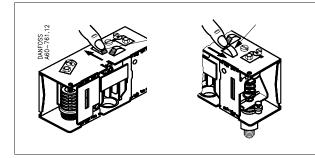
LP side



Trip:

use FINGERS ONLY! (Do NOT use screwdriver)

Manual reset



HP side

Note:

On controls with LP and/or HP man. reset, push corresponding LP and/or HP man. reset knob during tripping.

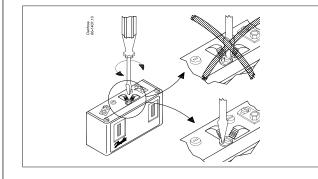
To resume control operation after safety cut-out, push man. reset knob as indicated.

Note:

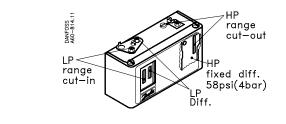
LP man. reset is possible only after system pressure has risen above cut-in value. HP man. reset is possible only after system pressure has dropped below cut-out value.

Convertible reset

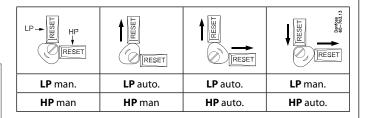
Insert a screwdriver into the slot on the lock disc and turn it to desired reset configuration. Do not turn the screw on the lock disc as it may damage the convertible reset mechanism.



Adjustment spindle(s) location



Reset options

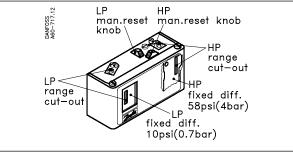


Note:

Do not select automatic reset if safety of the system requires manual reset.

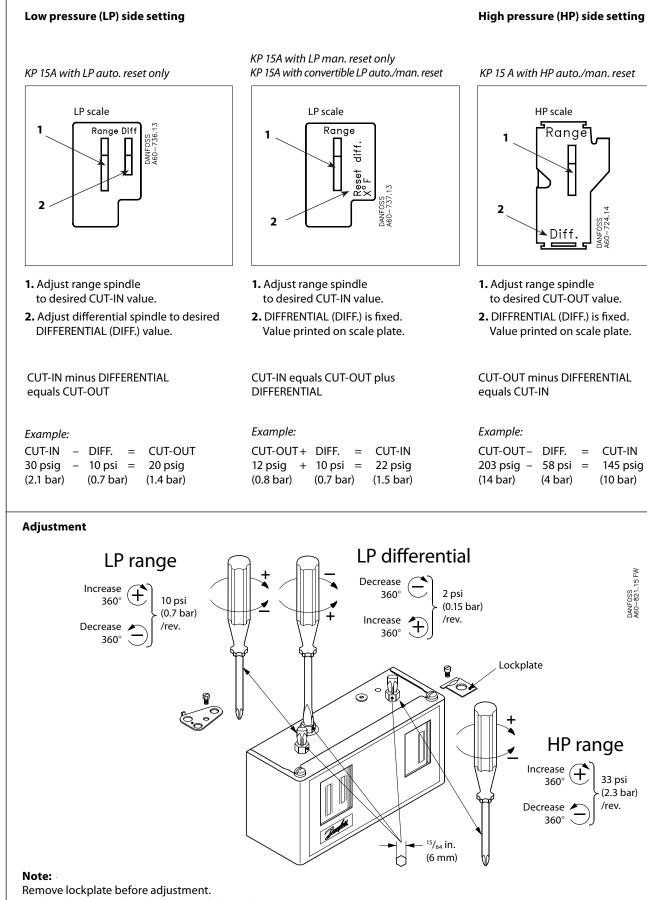
Note:

Selected reset configuration may be protected against unauthorized actions applying a seal.



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Setting



Replace lockplate after adjustment (if desired).