

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

Dayton® Temperature Controls

Description

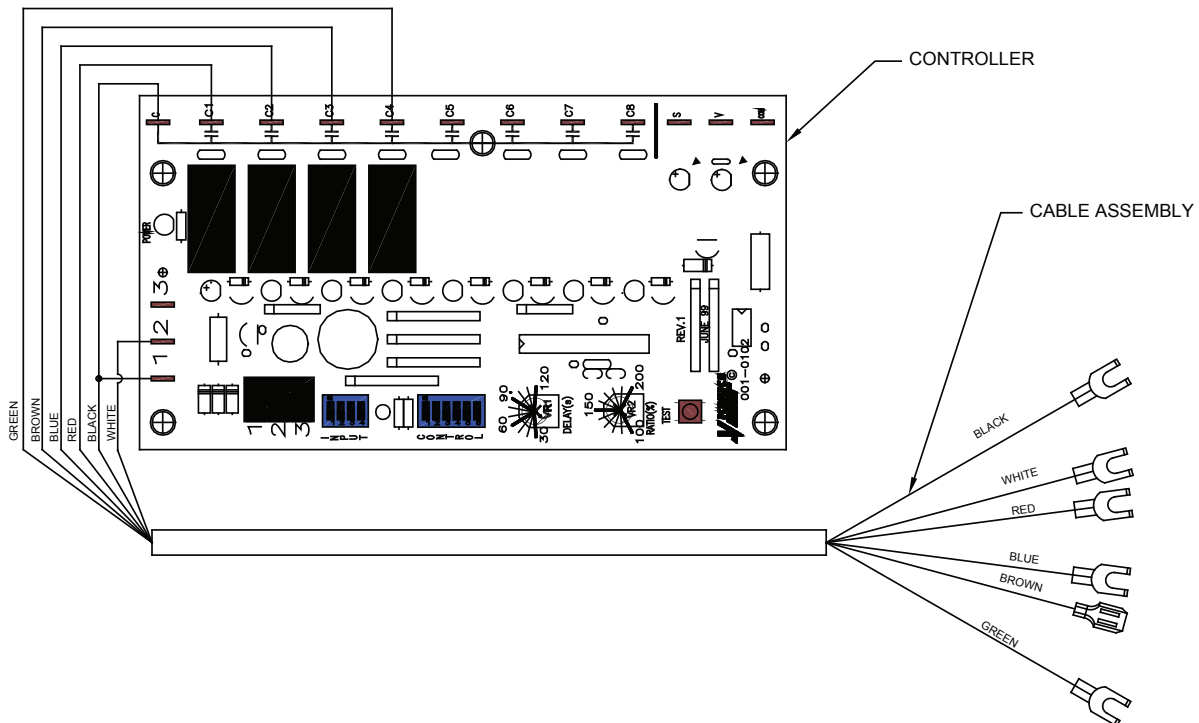
Model 30KA30 is a low voltage controlling accessory to electric unit heater models 4TDH6, 4TDH7, 4TDH8, 4TDH9, 4TDJ1 and 4TDJ2.

Features

Model 30KA30 is supplied with all mounting hardware and a pre-wire inter-connecting cable. The 30KA30 is mounted directly in the control compartment of the heater and requires no external wiring or connections except the control signal. Can be used with thermostat model 30KA31 or connected to an external 0-10VDC or 4-20mA signal.

Specifications

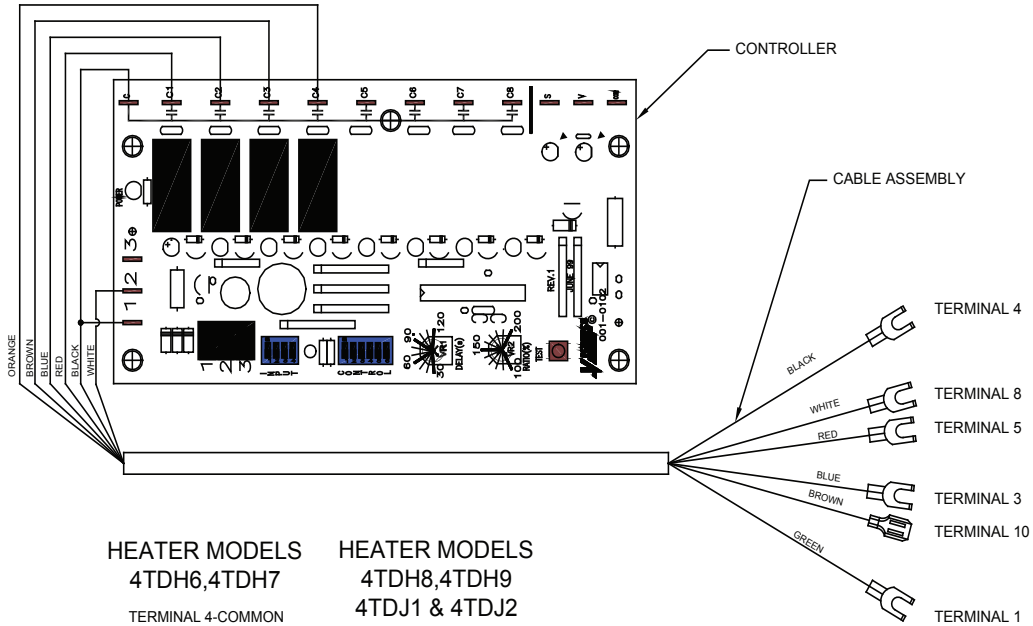
24V control
 First on last off sequence
 Input signal: 4-20mA or 0-10VDC



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Dayton[®] Temperature Controls

WIRING DIAGRAM



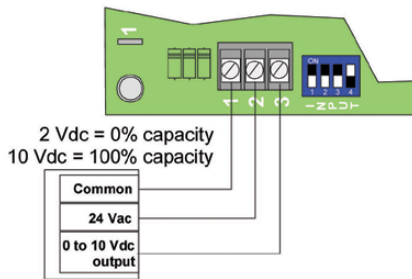
HEATER MODELS
4TDH6,4TDH7

TERMINAL 4-COMMON
TERMINAL 5 - STAGE 1
TERMINAL 3 - STAGE 2
TERMINAL 10 - STAGE 3
TERMINAL 1 - NOT USED

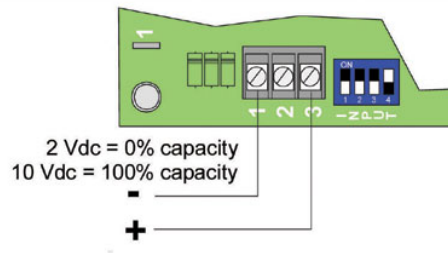
HEATER MODELS
4TDH8,4TDH9
4TDJ1 & 4TDJ2

TERMINAL 4-COMMON
TERMINAL 5 - STAGE 1
TERMINAL 3 - STAGE 2
TERMINAL 10 - STAGE 3
TERMINAL 1 - STAGE 4

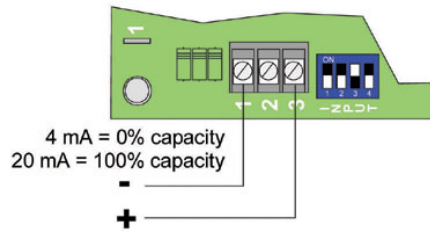
2 To 10 Vdc Or 0 To 10 Vdc Stand Alone Thermostat (Power To The Thermostat Is Supplied By The R850V)



2 To 10 Vdc Or 0 To 10 Vdc From D.D.C. Building Automation System



4 To 20 mA From D.D.C. Building Automation System



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DAYTON ONE-YEAR LIMITED WARRANTY. Dayton Temperature Controls, Models covered in this manual, are warranted by Dayton Electric Mfg. Co. (Dayton) to the original user against defects in workmanship or materials under normal use for one year after date of purchase. Any part which is determined to be defective in material or workmanship and returned to an authorized service location, as Dayton designates, shipping cost prepaid, will be, as the exclusive remedy, repaired or replaced at Dayton's option. For limited warranty claim procedures, see PROMPT DISPOSITION below. This limited warranty gives purchasers specific legal rights which vary from jurisdiction to jurisdiction.

LIMITATION OF LIABILITY. To the extent allowable under applicable law, Dayton's liability for consequential and incidental damages is expressly disclaimed. Dayton's liability in all events is limited to and shall not exceed the purchase price paid.

WARRANTY DISCLAIMER. Dayton has made a diligent effort to provide product information and illustrate the products in this literature accurately; however, such illustrations are sole purpose of product identification, and does not express or imply a warranty that products are **MERCHANTABLE**, or **FIT FOR A PARTICULAR PURPOSE**, or that the product will necessarily conform to the illustrations or descriptions. Except as provided below, no warranty or affirmation of fact, expressed or implied, other than as stated in the "LIMITED WARRANTY" above is made or authorized by Dayton.

PRODUCT SUITABILITY. Many jurisdictions have codes and regulations governing sales, construction, installation, and/or use of products for certain purposes, which may vary from those in neighboring areas. While Dayton attempts to assure that its products comply with such codes, it cannot guarantee compliance, and cannot be responsible for how the product is installed or used. Before purchase and use of a product, review the product applications, and all applicable national and local codes and regulations, and be sure that the product installation and use will comply with them.

Certain aspects of disclaimers are not applicable to consumer products; e.g., (a) some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you; (b) also, some jurisdictions do not allow a limitation on how long an implied warranty lasts, consequently the above limitation may not apply to you; and (c) by law, during the period of this Limited Warranty, any implied warranties of implied merchantability or fitness for a particular purpose applicable to consumer products purchased by consumers, may not be excluded or otherwise disclaimed.

PROMPT DISPOSITION. Dayton will make a good faith effort for prompt correction or other adjustment with respect to any product which proves to be defective within limited warranty. For any product believed to be defective within limited warranty, first call or write dealer from whom it was originally purchased. Dealer will give additional directions. If unable to resolve satisfactorily, write to Dayton at address below, giving dealers name, address, date, and number of dealer's invoice, and describing the nature of the defect. Title and risk of loss pass to buyer on delivery to common carrier. If product was damaged in transit to you, file claim with carrier.

Manufactured for Dayton Electric Mfg. Co., 5959 W. Howard St. Niles, Illinois 60714 U.S.A.

Notes

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