Submittal Data: DCS601C71
Intelligent Touch Controller

Job Name:	Location:
Purchaser:	
Engineer:	
Submitted To:	For: ☐ Reference ☐ Approval ☐ Construction
Submitted By:	Date:
Unit Designation: Schedule #:	Model No.:

Power:

Power supply (externally supplied)	24VAC, 50/60Hz
Power consumption	10 W maximum (transformer should be over 20 VA)

Operating conditions:

Surrounding temperature	32° F to 104° F
Humidity	< 85% RH (non-condensing)
Dimensions (H x W x D)	5-25/32" x 9-1/16" x 4-7/32"
LCD panel size/# of dots/# of colors	5.7"/QVGA 320x240/4,096 colors
Maximum number of indoor units	128
Maximum number of groups	64
Maximum number of outdoor units	10
Input touch panel	10 bit encoded analog input

Communication functions:

Dlll-NET x 1	AC equip. communication line
10BASE-T	Web option
PCMCIA slot	flash memory card used for PPD

Input terminals:

Digital input Di x 1	forced shutdown indoor units (10mA maximum input current)
Pulse input Pi x 3 (for PPD option)	1 pulse at 1 or 10 kWh over 100 ms
Certifications: Interference (EMC)	FCC Part 15 Subpart B Class A

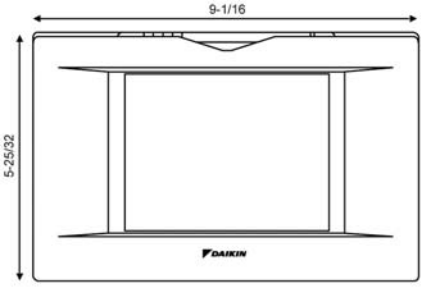
Standard Features:

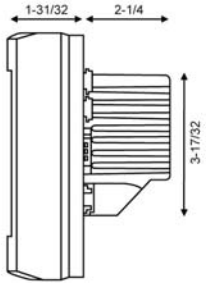
- One year warranty

Options:

- Email / Web Software (P/N DCS004A71)
- Installation Box for wall mounted applications (P/N KJB411A)
- Power Proportional Distribution (PPD) Software (P/N DCS002A71)
- Digital Input (DEC101A51-US) for monitoring of external equipment status
- Digital Input / Output (DEC102A51-US) for controlling/monitoring of external equipment

touch intelligent Controller





SPECIFICATIONS OF COMMUNICATIONS CABLING (DIII-NET)	
TYPE	2-conductor, stranded, non-shielded copper cable / PVC or vinyl jacket
SIZE	AWG18-2
TOTAL LENGTH	Maximum wiring distance between units: 3,280 ft Maximum wiring length: 6,550 ft

Configuration and engineering for each project are necessary.

The Power Proportional Distribution (PPD) feature supplies the user with a reasonably calculated apportionment of the total power consumption by the Daikin air-conditioning system to individual units on the system. Because input to the PPD includes measured pulses in the refrigerant system and because the air-conditioning system includes a number of variables, including operating temperatures and pressures, piping length, heat exchange rates and others, no meter-type apportionment of individual users' consumption can be made. However, the PPD feature provides an apportionment methodology that uses highly advanced technology as applied to the many variables in an air-conditioning system.