F4-DLK0350 Local Controller Display

Figure 1: F4-DLK0350 Local Controller Display

The F4-DLK0350 Local Controller Display is a stand-alone local display that provides enhanced local monitoring of controlled field equipment. The F4-DLK0350 features a 3.5 in. (8.9 cm), 320 x 240 pixel resolution color display, and navigation keypad. The display provides an intuitive local interface for users to monitor point values and status, view alarms, view trends, override outputs, and adjust setpoints and parameters.

The F4-DLK0350 can be panel or surface mounted. You can also use it as a portable device by plugging it into a compatible controller while on-site. You can connect the F4-DLK0350 to the SA Bus of a controller that does not have an on-board display.

The F4-DLK0350 local display can be connected to the following compatible controller devices:

- F4-CG series General Purpose Application Equipment Controllers
- F4-CV series VAV Box Controllers
- PCA series Advanced Application Field Equipment Controllers
- PCG series Field Equipment Controllers
- ATC1510 equipment controller
- PCV16, PCV18, and PCV19 series VAV box controllers
- VAV17 series VAV box controllers
- F4-SNC series Supervisory Controllers

Features and benefits

At-a-glance system status

Provides quick access to view the current status of monitored points.

Sleek and modern packaging and styling

Provides a modern, aesthetically pleasing industrial design.

Local access to operating parameters, setpoints, alarms, and trends

Provides end users and field technicians the ability to quickly troubleshoot issues and restore control while being in close proximity to the associated mechanical equipment.

Live trending

Enables a field technician the ability to plot the present value of up to two application points without the need to configure trends, in real-time, on a graphical trend chart while troubleshooting an issue.

Plug and play configuration

Saves field technician's time by enabling the display to be functional out of the box without user

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configuration required. The display can also be customized by configuring the display object in the controller's application.

Menu-based screen design

Provides an intuitive user interface through the use of a simple keypad.

Tactile keypad

Provides haptic feedback to the user upon interaction.

Back-lit LCD

Provides constant backlight that activates during user interaction to ensure excellent readability in low-light environments.

Customized user preferences

Use to specify settings such as password timeout, backlight intensity, time and date format, and many more.

Password protection (Optional)

Secures the display from unauthorized users.

Ordering information

Table 1: DLK0350 ordering information

Product code number	Description
F4-DLK0350-0	F4-DLK0350-0 Local Controller Display

ⓘ   **Note:** The F4-DLK0350-0G is an orderable model that complies with Buy American Act requirements.

Accessories

Table 2: DLK0350 accessories

Product code number	Description
TL-PWRKIT-0A	Optional power supply; for North American power outlets only.
TL-PWRKIT-0D	Optional power supply; includes interchangeable blades for North America, Europe, UK, Australia, and China power outlets.
ACC-TBKPWFCSA-0	Power, FC Bus, and SA Bus terminal block replacement kit for SNC, CG series, CV series, CCM, XPM, and DLK products. Kit includes 5 of each terminal block type. 15 terminal blocks in total.

Technical specifications

Table 3: Technical specifications

Specification	Description
Power requirement	5.2 W
Power consumption	Typically 75 mA, maximum 100 mA. 1.2 W (nominal power without any loading on the SA Bus)

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Table 3: Technical specifications

Specification	Description
Power supply	11.3 VDC to 16.5 VDC
Ambient conditions	**Operating:** 0°C to 50°C (32°F to 122°F), 10% to 95% RH, Noncondensing **Storage:** -40°C to 80°C (-40°F to 176°F), 5% to 95% RH, Noncondensing
Communications protocol	BACnet MS/TP
Communications bus	BACnet, RJ12 6-pin modular jack, 4-wire pluggable screw terminal block
Processor	Renesas® RX651 32-bit Microcontroller
Memory	64 MB Flash memory and 32 MB SDRAM
Operating system	Unison RTOS
Network and serial interfaces	Communication to controller over SA Bus
Terminations	• SA Bus Port: RJ-12 6-pin modular jack • SA Bus Terminal: 4-wire pluggable screw terminal block
Mounting	Mount to the outside of the enclosure, 85 mm x 160 mm (3.34 in. x 6.3 in.)
Housing	Plastic housing material: ABS and polycarbonate
Protection	IP20 (IEC60529)
Graphic display resolution	320 x 240 pixels with white LED backlighting (adjustable)
Dimensions (height x width x depth)	85 mm x 160 mm x 27.5 mm (3.34 in. x 6.3 in. x 1.08 in.)
Weight	0.405 lb / 0.184 kg
Compliance	**United States:** UL Listed, File E107041, CCN PAZX, UL 916, Energy Management Equipment FCC Compliant to CFR47, Part 15, Subpart B, Class A
	Canada: UL Listed, File E107041, CCN PAZX7 CAN/CSA C22.2 No. 205, Signal Equipment Industry Canada Compliant, ICES-003
CE	**Europe:** Johnson Controls declares that this product is in compliance with the essential requirements and other relevant provisions of the EMC Directive and RoHS Directive.
(RCM mark)	**Australia and New Zealand:** RCM Mark, Australia/NZ Emissions Compliant
UK CA	**United Kingdom:** Johnson Controls declares that this product is in compliance with Electromagnetic Compatibility Regulations, The Electrical Equipment (Safety) Regulations, and Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations.

Repair information

If the display fails to operate within its specifications, replace the unit. For a replacement unit, contact the nearest Johnson Controls representative.

Product warranty

This product is covered by a limited warranty, details of which can be found at www.johnsoncontrols.com/buildingswarranty.

Software terms

Use of the software that is in (or constitutes) this product, or access to the cloud, or hosted services applicable to this product, if any, is subject to applicable end-user license, open-source software information,

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and other terms set forth at www.johnsoncontrols.com/techterms. Your use of this product constitutes an agreement to such terms.

Patents

Patents: https://jcipat.com

Single point of contact

APAC	EU	UK	NA/SA
JOHNSON CONTROLS C/O CONTROLS PRODUCT MANAGEMENT NO. 32 CHANGJIANG RD NEW DISTRICT WUXI JIANGSU PROVINCE 214028 CHINA	JOHNSON CONTROLS VOLTAWEG 20 6101 XK ECHT THE NETHERLANDS	JOHNSON CONTROLS TYCO PARK GRIMSHAW LANE MANCHESTER M40 2WL UNITED KINGDOM	JOHNSON CONTROLS 5757 N GREEN BAY AVE. GLENDALE, WI 53209 USA

Contact information

Contact your local Johnson Controls representative:
www.johnsoncontrols.com/locations

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