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ENGINEERING TOMORROW

Fact Sheet

VLT® Wireless Communication Panel LCP 103
Wireless connectivity to **your drive**



The new VLT® Wireless Communication Panel LCP 103 provides wireless communication capabilities to the following drives:

- VLT® HVAC Drive FC 102
- VLT® Refrigeration Drive FC 103
- VLT® AQUA Drive FC 202
- VLT® AutomationDrive FC 301/FC 302
- VLT® Lift Drive LD 302

Compatible software versions

- FC-30x: 8.03
- FC-202: 3.10
- FC-102: 5.10
- FC-103: 2.10

The VLT® Wireless Communication Panel LCP 103 communicates with MyDrive® Connect – an app which can be downloaded to iOS- and Android-based smart devices. MyDrive® Connect offers full access to the drive making it easier to perform commissioning, operation, monitoring and maintenance tasks.

The VLT® Wireless Communication Panel LCP 103 displays the current drive status (On, Warning, Alarm, Wi-Fi Connectivity) through built-in LEDs. Detailed information is then accessible from your smart devices utilizing MyDrive® Connect. There, status messages, start-up menus and alarm/warning events can be accessed. Additionally, data can be visualized using graphs documenting the behavior of a drive over time. Utilizing the active point-to-point wireless connection, maintenance personnel can receive real-time error messages via the app to ensure a quick response to potential issues and reduce downtime.

Copies of the drive parameters can be stored, either to the internal memory of the VLT® Wireless Communication Panel LCP 103 or to your smart device using the advanced LCP copy function. Log details can be shared from MyDrive® Connect, so that the service team can provide relevant support for troubleshooting. The safe control parameter allows the user to decide the drive behavior in case of crash/ connection-loss from app to drive.

Wireless connectivity

Easy commissioning with smart devices

Feature	Benefit
Full access to the drive	Easy commissioning, operation and maintenance
Real-time error messages	Faster maintenance actions, reduced downtime
PUSH notifications for alarms/warnings	Smarter troubleshooting
Safe and secure WPA2 encryption	Ease of use and reduced complexity
Intuitive parameter functionalities	High performance with rich user interface
Live graphs for monitoring and fine tuning	Easy identification of connected drive
Multi-language support	Enhanced user experience
Upload or download parameter file to the built-in memory or to your smartphone	Easy commissioning and maintenance

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Specifications

Standards	IEEE 802.11 b/g
Frequency range	2.4~2.4835 Ghz
Antenna type	PCB mounted chip antenna
Security	WPA2 (AES) Safe and Secure encryption
LEDs	Drive power, alarm, warning, Wi-Fi and fieldbus status
Operating temperature	-25 °C to +50 °C (-13 °F to +122 °F)
Operating humidity	5% to 95% RH, non-condensing
Operating mode	Access point
Ingress protection (IP)	IP-20, (IP-55 with gasket)
Electrical rating	5 V, 250 mA
Internal memory size	14 MB
Firmware update	MCT 10
Compatibility	VLT® HVAC Drive FC 102 VLT® Refrigeration Drive FC 103 VLT® AQUA Drive FC 202 VLT® AutomationDrive FC 301/FC 302 VLT® Lift Drive LD 302
Memory limit	Max 50 files
Range	Open air 150 m/Steel wall 30 m
Dimensions (L x W x D)	131.5 x 66.6 x 23 mm (5.1 x 2.6 x 0.9 in.)
Weight	85.3 g
Approval and certification	CE, FCC ID: 2ANSELCP-103



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Besoin d'un prix ou d'un conseil technique ?

Danfoss VLT Wireless Communication Panel LCP 103 Wireless connectivity to your drive

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