

CRANEFRIGOR™

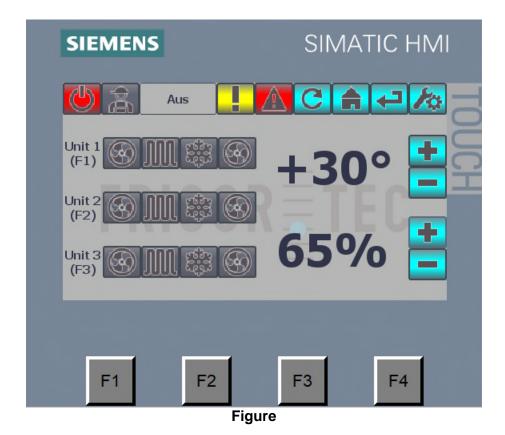
Industrial Cooling since 1961

Made in Germany

TECHNICAL DESCRIPTION Master controller FSC

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Date: 19/12/2019 QVO 0466-D Rev. 00



Master controller FSC

The Master controller FSC (FrigorTec Smart Control) can be used to control and monitor systems of the CRANEFRIGOR product range.

The CRANEFRIGOR™ series of crane air conditioning units ensure a reliable and efficient production process.

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General description

Scope of delivery	Your benefits!
Operation Optimal control of individual and redundant systems.	Automatic selection Identical runtimes systems Switchover in case of fault message
Remote monitoring / Early detection	Early detection and diagnostics of refrigeration system. Personnel can be optimally coordinated and prepared for a service deployment.
Pressure sensors refrigeration circuit (high- pressure sensor, low-pressure sensor)	Monitoring of refrigeration operation and early detection of faults
Temperature sensor room Humidity sensor room Motor sensor Filter monitoring Cleaning	 Monitoring and early detection temperature Monitoring and early detection humidity Monitoring and early detection motors Signalling filter replacement Signalling cleaning the heat exchangers
Dehumidification mode Automatic monitoring and regulation of the humidity (dehumidification mode).	No failure of the electronics due to water condensation
Comfort operation After selecting automatic lowering of room temperature and reduced air volume for a comfort work environment. Following a preset time, the system returns to normal operation.	 Comfortable room temperature for service personnel Low noise emissions and light air flow Automatic resetting into standard operation No condensation Energy costs saved
Linking to the crane control and/or central control system	Easy integration into the customer's control system as Profinet I/O device
Direct monitoring via VPN system or app	Direct control of air conditioning via VPN or app

Technical specifications FSC:

Sizes

Dimensions type, see dimension sheet

Operating voltage 3 ph / 400 V / 50 Hz Further operating voltages upon request 3 ph / 460 V / 60 Hz

Protection category IP54

Network type TN-S

The performance description is a quality in the sense of sections 434 and/or 633 BGB (German Civil Code).

Subject to technical change.