



Figure

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.

General description

Scope of delivery	Your benefits!
<p>Operation Optimal control of individual and redundant systems.</p>	<ul style="list-style-type: none"> • Automatic selection • Identical runtimes systems • Switchover in case of fault message
<p>Remote monitoring / Early detection</p> <p>Pressure sensors refrigeration circuit (high-pressure sensor, low-pressure sensor)</p> <p>Temperature sensor room Humidity sensor room Motor sensor Filter monitoring Cleaning</p>	<p>Early detection and diagnostics of refrigeration system. Personnel can be optimally coordinated and prepared for a service deployment.</p> <ul style="list-style-type: none"> • Monitoring of refrigeration operation and early detection of faults • Monitoring and early detection temperature • Monitoring and early detection humidity • Monitoring and early detection motors • Signalling filter replacement • Signalling cleaning the heat exchangers
<p>Dehumidification mode Automatic monitoring and regulation of the humidity (dehumidification mode).</p>	<ul style="list-style-type: none"> • No failure of the electronics due to water condensation
<p>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.</p>	<ul style="list-style-type: none"> • Comfortable room temperature for service personnel • Low noise emissions and light air flow • Automatic resetting into standard operation • No condensation • Energy costs saved
<p>Linking to the crane control and/or central control system</p>	<ul style="list-style-type: none"> • Easy integration into the customer's control system as Profinet I/O device
<p>Direct monitoring via VPN system or app</p>	<ul style="list-style-type: none"> • 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.