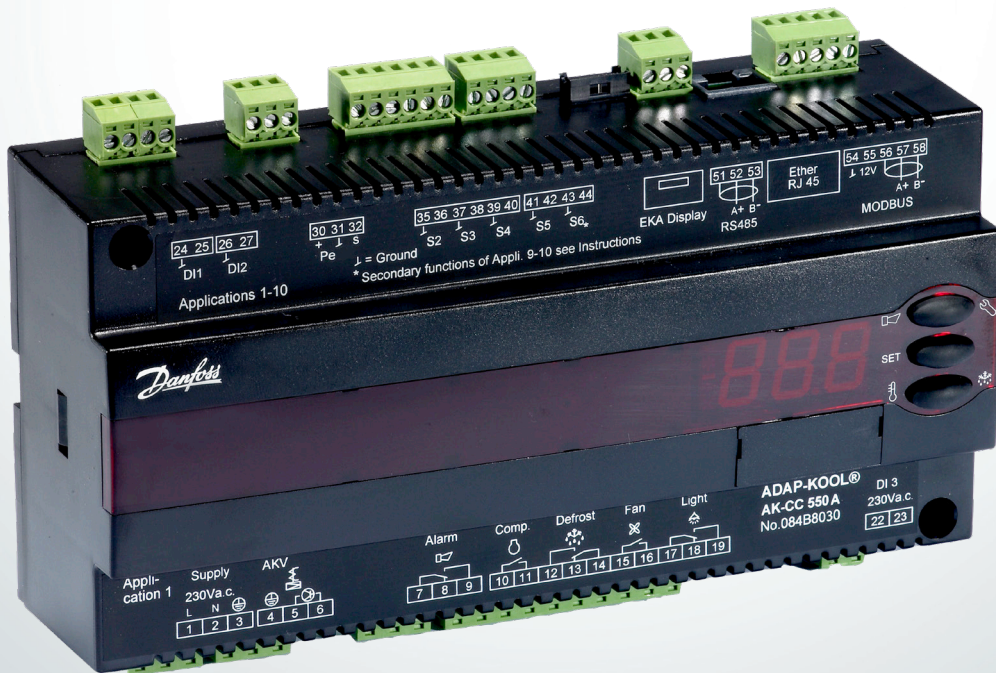


Service Guide

Pocket Guide AK-CC 550A

ADAP-KOOL® Refrigeration Control System



Initial Setup

1. Hold Top Button until 'r01' displayed (~5s)
2. Scroll to parameter 'o61'. Press middle button.
3. Set parameter to '2' and press middle button.
4. Scroll to parameter 'o03'. Press middle button.
5. Set to proper address. Press middle button.
6. Rescan at System Manager to bring online.

*R12 must be set to 1/On for operation. Can be done locally or at System Manager

Display Icons



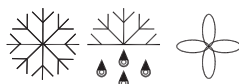
Refrigeration/Compressor Relay On



Defrost Relay On



Fan Relay On



All flashing = Alarm (Press top button for code)

-d-

Defrost Mode (Includes drip-down, fan delay, pulldown)

Alarm Codes

Code	Value
A1	High Temp
A2	Low Temp
A4	Door Alarm
A45	Standby Mode
E20	Press.Xdcr Error
E24	S2 Sensor Error
E25	S3 Sensor Error
E26	S4 Sensor Error
E27	S5 Sensor Error

Status Codes (press top button to view)

Code	Value
S1	Coord Def Hold
S4	Drip-Down
S10	Main Switch Off
S11	Temp Cutout
S14	Defrost Mode
S15	Fan Delay Mode
S17	Door Open
S19	Modulating Mode
S20	Sensor Error Mode
S23	Adaptive Mode
S45	Case Shutdown

Sensor / Relay Checks

Parameter	Value
U09	S5 Sensor (Defrost Term)
U12	S3 Sensor (Return Air)
U16	S4 Sensor (Discharge Air)
U20	S2 Sensor (Coil Outlet)
U21	Superheat
U23	Valve Opening Degree
U25	Evap Pressure
U59	Fan Relay Status
U60	Defrost Relay Status
U61	Anti-Sweat Relay Status
U63	Light Relay Status

Common Parameters

Code	Value
R05	Temp Units (0=C/1=F)
R12	Main Switch
R14	Thermostat Mode (0 = Adaptive/1 = Modulating)
A03	Alarm Delay
A13	High Alarm Setpoint
A14	Low Alarm Setpoint
D02	Defrost Term Temp
D03	Defrost Interval (Max time between defrosts)
D04	Max Defrost Length
D06	Drip-down delay
D09	Fan During Defrost (0 = Off, 1 = On)
D10	Defrost Sensor (0 = Time, 1 = S5, 2 = S4)
N09	Max Superheat
N10	Min Superheat
O20	Min Transducer Range
O21	Max Transducer Range
O30	Refrigerant (21 = R407A, 28 = CO2)

To Manually Override Relay On/Off:

1. Change parameter r12 to '-1'.
2. Navigate to desired 'U' parameter shown at left
3. Press Middle Button, change setting to On/Off.
4. Return parameter r12 to '1' when done.