CC-SCMB02

C300 Memory Backup Assembly

CONTROLLED ENGINEERING COPY

De-energize the cabinet, identify both controller cables and the charger power lead, observe the mounting torque and verify backup status and retention diagnostics.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	CC-SCMB02
Manufacturer part	CC-SCMB02
Hardware type	C300 Memory Backup Assembly
System family	Experion C300 controller

1 PLAN — 2 ISOLATE — 3 CONNECT — 4 CONFIGURE — 5 TEST

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01 PRE-INSTALLATION PLAN

1. Verify the complete CC-SCMB02 marking and its assigned C300 memory-backup position before work.
2. Place the connected process and control strategy in the approved maintenance state.
3. Isolate the applicable cabinet supply and backup-power field energy before disconnecting conductors.
4. Record terminal numbers, channel assignments, polarity, shields and configured ranges before removal.
5. Use ESD controls and protect the backplane connector, terminal hardware and coated electronics.

MATCHED HARDWARE

- one or two compatible C300 controllers
- 51199932-100 RAM charger
- 51202340-100 mount
- documented controller and power cables

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	CC-SCMB02 / CC-SCMB02 recorded
Physical interface	one or two compatible C300 controllers
Companion check	51199932-100 RAM charger
Functional proof	Provides as much as fifty hours of RAM retention
Application test	C300 power-loss recovery

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Assembly type	C300 Memory Backup Assembly
Controller capacity	1 or 2 connected C300 controllers
Retention time	Up to 50 h
RAM charger	51199932-100
Mount	51202340-100
Controller cable	51202330-100; 30 in
Controller cable option	51202330-200; 84 in / 2 m
Power cable	51202331-100; 55 in / 1.4 m
Alternative-mount screw torque	3.9 N m

FIELD NOTE

De-energize the cabinet, identify both controller cables and the charger power lead, observe the mounting torque and verify backup status and retention diagnostics.

03 COMMISSIONING WORKFLOW

1. Confirm CC-SCMB02 and part number CC-SCMB02 against the installed record.
2. Verify the physical connection to one or two compatible C300 controllers.
3. Apply the documented technical values for assembly type.
4. Exercise the function: provides as much as fifty hours of ram retention.
5. Run a controlled test for c300 power-loss recovery.
6. Record the final state, diagnostics and operator acceptance before release.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	CC-SCMB02 / CC-SCMB02 recorded
Physical interface	one or two compatible C300 controllers
Companion check	51199932-100 RAM charger
Functional proof	Provides as much as fifty hours of RAM retention
Application test	C300 power-loss recovery

04 RETURN-TO-SERVICE RECORD

- [ ] Confirm the installed C300 controller and 51199932-100 charger and carrier arrangement against the approved project.
- [ ] Restore power in a controlled sequence and clear only diagnostics created by the maintenance activity.
- [ ] Complete charger status, controller connection and retention diagnostics and retain the measured result before returning the channel to automatic service.
- [ ] Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	CC-SCMB02
INSTALLED POSITION	Documented Experion C300 controller position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC670MDL330	Related industrial automation product	View IC670MDL330 page
IC670MDL331	Related industrial automation product	View IC670MDL331 page
IC670MDL241	Related industrial automation product	View IC670MDL241 page
IC670MDL240	Related industrial automation product	View IC670MDL240 page
22B-D4P0N104	Related industrial automation product	View 22B-D4P0N104 page
IC670MDL233	Related industrial automation product	View IC670MDL233 page
IC670ALG621	Related industrial automation product	View IC670ALG621 page
IC670ALG630	Related industrial automation product	View IC670ALG630 page

SOURCE IDENTIFIERS

Honeywell Series-C I/O User's Guide

EPDOC-X126-en-A

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