

SDCS-CON-H01-3ADT220166R0002-DCS880DCT880

Electronic Control Tray

CONTROLLED ENGINEERING COPY

Record parameter 95.16 and jumpers J1 to J7, isolate and discharge the unit, and never insert or remove the X205 memory unit while powered.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	SDCS-CON-H01-3ADT220166R0002-DCS880DCT880
Manufacturer part	SDCS-CON-H01-3ADT220166R0002-DCS880DCT880
Hardware type	3ADT220166R0002
System family	ABB DCS880 and DCT880 control hardware



APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



01 PRE-INSTALLATION PLAN

- 1

Verify the complete SDCS-CON-H01-3ADT220166R0002-DCS880DCT880 marking and its assigned ABB DCS880 and DCT880 control hardware position before work.
- 2

Place the connected dcs880 control restoration process in the approved maintenance state.
- 3

Isolate every documented power, signal and stored-energy source before disconnecting conductors or cables.
- 4

Record the installed slot, connectors, conductors, addressing, firmware and software configuration before removal.
- 5

Use ESD-safe handling and protect keyed electrical, fiber or sensor interfaces as applicable.

MATCHED HARDWARE

- DCS880 or DCT880 power unit
- X205 memory unit
- documented electronic-tray connectors
- Drive Composer service environment

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	SDCS-CON-H01-3ADT220166R0002-DCS880DCT880 / SDCS-CON-H01-3ADT220166R0002-DCS880DCT880 recorded
Physical interface	DCS880 or DCT880 power unit
Companion check	X205 memory unit
Functional proof	Includes the SDCS-CON-H01 control board
Application test	DCS880 control restoration

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Assembly order code	3ADT220166R0002
Included control board	SDCS-CON-H01
Compatible product	DCS880
Compatible thyristor power controller	DCT880
Firmware compatibility	All documented DCS880 and DCT880 firmware versions
Memory connector	X205
Memory-unit contents	Firmware, parameters and application program
Unit-type parameter	95.16 Set: Unit type code
Configuration items	Jumpers J1 to J7
Service tool	Drive Composer pro 2.6 or later for documented firmware work
Required hand tools	Torx TX10, TX20 and TX25
Replacement method	Record unit type; copy jumper positions; transfer memory unit de-energized
Existing record	ApterPower ID 854439
Official manual	3ADW000449R0401

FIELD NOTE

Record parameter 95.16 and jumpers J1 to J7, isolate and discharge the unit, and never insert or remove the X205 memory unit while powered.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	SDCS-CON-H01-3ADT220166R0002-DCS880DCT880 / SDCS-CON-H01-3ADT220166R0002-DCS880DCT880 recorded
Physical interface	DCS880 or DCT880 power unit
Companion check	X205 memory unit
Functional proof	Includes the SDCS-CON-H01 control board
Application test	DCS880 control restoration

04 RETURN-TO-SERVICE RECORD

- ☐ Confirm the installed DCS880 or DCT880 power unit and X205 memory unit against the approved project.
- ☐ Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐ Prove the intended dct880 power-control service function and retain the final acceptance result.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	SDCS-CON-H01-3ADT220166R0002-DCS880DCT880
INSTALLED POSITION	Documented ABB DCS880 and DCT880 control hardware 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
GE 750 P5 G5 HI A1 R E	Related industrial automation product	View GE 750 P5 G5 HI A1 R E page
Allen-Bradley 1794 OE4XT	Related industrial automation product	View Allen-Bradley 1794 OE4XT page
Siemens 6SL3120 2TE21 8AD0	Related industrial automation product	View Siemens 6SL3120 2TE21 8AD0 page
Siemens 6SE7041 8EK85 0LA0	Related industrial automation product	View Siemens 6SE7041 8EK85 0LA0 page
Siemens 6SE7035 1EJ84 1JC2	Related industrial automation product	View Siemens 6SE7035 1EJ84 1JC2 page
ABB DSQC332	Related industrial automation product	View ABB DSQC332 page
Allen-Bradley 1794 IE4XOE2	Related industrial automation product	View Allen-Bradley 1794 IE4XOE2 page
Siemens 6SE7090 0XX84 1CE0	Related industrial automation product	View Siemens 6SE7090 0XX84 1CE0 page

SOURCE IDENTIFIERS

ABB DCT880 Service Manual
3ADW000449R0401

APTER POWER SALES TEAM

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com

