

INDUSTRIAL AUTOMATION PRODUCT

SDCS-CON-H01-3ADT220166R0002-DCS880DCT880

Electronic Control Tray

Drive or power-controller computation, parameter storage and configured control interfaces

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
System family	ABB DCS880 and DCT880 control hardware
Part number	SDCS-CON-H01-3ADT220166R0002-DCS880DCT880

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Technical Specifications

Technical values below are limited to the named ABB product record.

PARAMETER	TECHNICAL 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

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System Role and Architecture

Drive or power-controller computation, parameter storage and configured control interfaces

FUNCTION 1

Includes the SDCS-CON-H01 control board

FUNCTION 2

Fits documented DCS880 and DCT880 service

FUNCTION 3

Uses a transferable X205 memory unit

FUNCTION 4

Requires J1 to J7 jumper replication

Matched system components

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

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	DCS880 or DCT880 power unit
Companion hardware	X205 memory unit
Field connection	documented electronic-tray connectors
Primary system function	Includes the SDCS-CON-H01 control board
Controlled acceptance duty	DCS880 control restoration

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Applications and Engineering Context

DCS880 control restoration

Includes the SDCS-CON-H01 control board

DCT880 power-control service

Fits documented DCS880 and DCT880 service

Memory-unit transfer

Uses a transferable X205 memory unit

Electronic-tray replacement

Requires J1 to J7 jumper replication

TECHNICAL 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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	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

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Engineering Precautions

- 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.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
GE DS200SBCBG1ADC	Related industrial automation product	View GE DS200SBCBG1ADC page
GE DS200PCTMG1AAA	Related industrial automation product	View GE DS200PCTMG1AAA page
GE DS200PCCAG9ACB	Related industrial automation product	View GE DS200PCCAG9ACB page
GE DS200FCRRG1AKD	Related industrial automation product	View GE DS200FCRRG1AKD page
GE DS200ADGIH1AAA	Related industrial automation product	View GE DS200ADGIH1AAA page
GE A06B 0104 B111 7000	Related industrial automation product	View GE A06B 0104 B111 7000 page
Woodward 8200 226	Related industrial automation product	View Woodward 8200 226 page
Fanuc A86L 0001 0235	Related industrial automation product	View Fanuc A86L 0001 0235 page

MANUFACTURER SOURCE RECORD

ABB DCT880 Service Manual

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