AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

SDCS-PIN-48 3BSE004939R0002

Thyristor Pulse Transformer Board

TYPE	REFERENCE	FAMILY	SCOPE
Thyristor Pulse Transformer Board	**SDCS-PIN-48**	**DCS800 Power Interface**	**Scoped technical data**

ABB SDCS-PIN-48 3BSE004939R0002 is a pulse-transformer board for the thyristor firing interface in compatible DCS800 arrangements. Six transformer sections with amplifiers transfer firing commands to gate-and-cathode connections, separating this function from the associated voltage and current measurement board.

01 DOCUMENTED PRODUCT REFERENCE

Pulse transformer sections	6, with amplifiers
Pulse output interface	Transformer-coupled thyristor gate/cathode connections

Manufacturer data summarized for the identified model and stated conditions.

02 TECHNICAL DATA

Pulse command connectors	X113 and X213, according to the applicable bridge diagram
Board electrical potential	Line potential; conductive mounting supports

03 APPLICATION AND CONFIGURATION

- SDCS-PIN-48 3BSE004939R0002 marking
- Required signal and supply arrangement
- Correct termination and channel configuration
- Qualified replacement and acceptance checks
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB DCS800 Hardware Manual, 3ADW000194R0701 Rev G

SDCS-PIN-48 board-type construction and connection diagrams: original ABB hardware manual p 91. Converter current/voltage ranges are not bare-board ratings. Existing article preserved; no equivalence to a different ordering code asserted.

Independently prepared Amikon reference summary, not an original manufacturer manual. Ratings apply only under their documented conditions. Confirm the supplied marking and approved configuration before selection, installation or replacement.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM