AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

SDCS-PIN-41A 3BSE004939R1

Thyristor Pulse Transformer Board

TYPE	REFERENCE	FAMILY	SCOPE
Thyristor Pulse Transformer Board	**SDCS-PIN-41A**	**DCR500B / DCR600**	**Scoped technical data**

ABB SDCS-PIN-41A 3BSE004939R1 is a pulse-transformer board used in DCR500B and DCR600 thyristor rebuild arrangements. A board normally serves six thyristors when it can be placed close enough to maintain the required gate-lead lengths.

01 DOCUMENTED PRODUCT REFERENCE

Thyristor firing capacity	Normally 6 thyristors per board, subject to gate-lead limits
Maximum gate-lead length	1 m in the specified DCR arrangement
Firing-lead construction	Twisted pair

Manufacturer data summarized for the identified model and stated conditions.

02 TECHNICAL DATA

Command cable interface	Shielded flat cable, 20 poles
Output connection marking	G: gate; C: cathode; coded mating plug
Mounting electrical arrangement	Card holder; line-potential board with conductive supports

03 APPLICATION AND CONFIGURATION

- SDCS-PIN-41A 3BSE004939R1 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 DCR500B / DCR600 Selection, Installation and Start-Up Manual, 3ADW000092R0301 Rev C

PIN-41(A) board/interface: PDF19-20, printed 3-3/3-4. Exact 3BSE004939R1/PIN-41 A identity corroborated by ABB DCS500/600 service spare table. Only board/interface facts retained, no converter ratings or parts-list padding.

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