DCS550 POWER INTERFACE BOARDS

# Product Data Sheet

## SDCS-PIN-F01A 3ADT316300R1502

Power interface board

| AUXILIARY AC SUPPLY | AUXILIARY DC SUPPLY | SUPPLY TOLERANCE | SUPPLY FREQUENCY |
|---|---|---|---|
| **115 / 230 V AC** | **230 V DC** | **-15% / +10%** | **45 to 65 Hz** |

ABB SDCS-PIN-F01A 3ADT316300R1502 is a power interface board for the DCS550 DC drive family. It links the drive power section with the SDCS-CON-F control board, supplying auxiliary power and interfacing the armature, integrated field exciter and related measurement circuits.

## 01 VERIFIED TECHNICAL DATA

| | |
|---|---|
| Auxiliary AC supply | 115 / 230 V AC |
| Auxiliary DC supply | 230 V DC |
| Supply tolerance | -15% / +10% |
| Supply frequency | 45 to 65 Hz |
| AC input apparent power | 120 VA |
| Maximum power loss | 60 W |
| Inrush at 115 V AC | 20 A / 20 ms |
| Inrush at 230 V AC/DC | 10 A / 20 ms |
| Recommended supply fuse | 6 A, time-delay |
| Buffering at 115 V AC | 30 ms minimum |

Values follow the unit photographs and applicable documents identified on page 2.

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Buffering at 230 V AC | 300 ms minimum |
| Buffering at 230 V DC | 150 ms |
| Relay AC contact rating | 230 V AC, <3 A |
| Relay low-voltage DC rating | 24 V DC, <3 A |
| Relay high-voltage DC rating | 115 / 230 V DC, <0.3 A |

## 03 DOCUMENTED USE SETTINGS

Industrial Pulp Production and Paper Manufacturing: Pulp Production and Processing.

Metal Ore Mining and Mineral Processing: Metal Ore Mining.

Industrial Chemical and Petrochemical Production: Industrial Chemical Manufacturing.

## 04 SYSTEM COMPATIBILITY

ABB SDCS-PIN-F01A 3ADT316300R1502 is a power interface board for the DCS550 DC drive family. It links the drive power section with the SDCS-CON-F control board, supplying auxiliary power and interfacing the armature, integrated field exciter and related measurement circuits.

## 05 PRODUCT EVIDENCE

ABB DCS550 power interface boards applicable manufacturer documentation

**AMIKON PRODUCT SUPPORT**

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