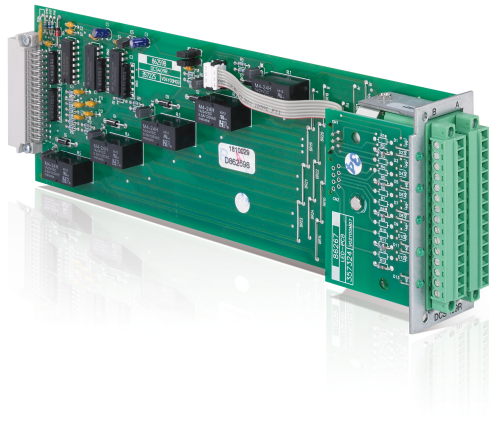


DCS 409R

www.dynacord.com



- 5 low frequency relays, 2 switch contacts each.
- Gold-plated double contacts for high level of contact reliability.
- Pluggable connection terminals with screwed flange for all contacts.
- 5 relay control LEDs.

The module is fitted on the back of the DCS 400 rack plug-in board. This is used to switch audio signals (line levels) or for control outputs.

Additional properties:

- Configure the audio distributor by separating the wire jumpers
- A maximum of 12 DCS 408R/DCS 409R relay modules can be cascaded

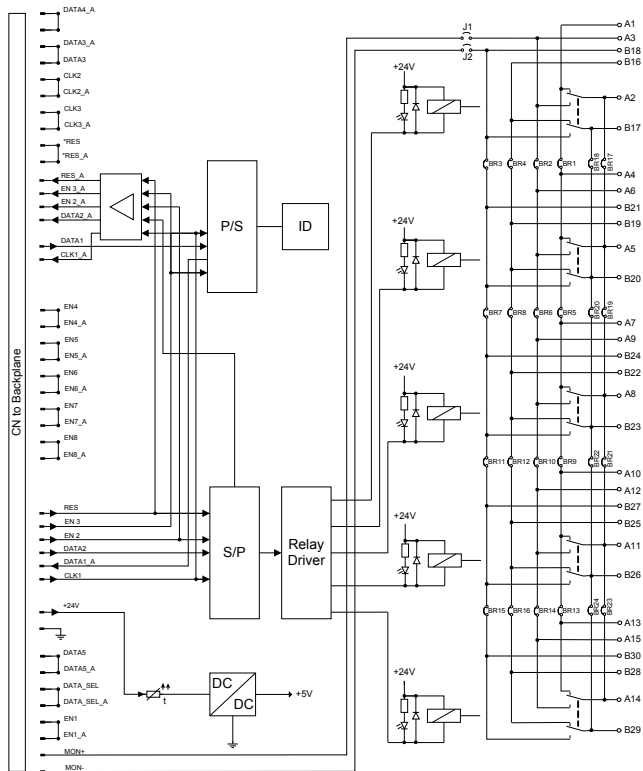
Parts included

No.	Component
1	DCS 409R
2	Plug, 15-pin (Phoenix MC 1.5/15-STF-3.81 - 1827839)

Technical specifications

Operating voltage	24 V DC, -10%/+30%
Operating current, relays off	
• Standby	24 V, 5.5 mA, 0.14 W
• Idle/Announcement/Alert	24 V, 60 mA, 1.44 W
Electromagnetical environment	E1, E2, E3
Operating temperature	-5 °C to 45 °C

Product dimensions (Width by Height by Depth)	37.5 by 80.6 by 245 mm
Net weight	185 g
Relay contacts	
• Contacts	2 SPDT
• Contact material	AgPd + 10µ Au
• Contact load (real)	1 A / 24 V DC 0.5 A / 120 V DC
• Contact current max.	2 A



Block diagram

Installation/configuration notes

Installation information

On the DCS 400 rack plug-in board, slots 1-10 must be occupied in ascending sequence (left to right) without any gaps. Different module types can otherwise be arranged in any sequence.

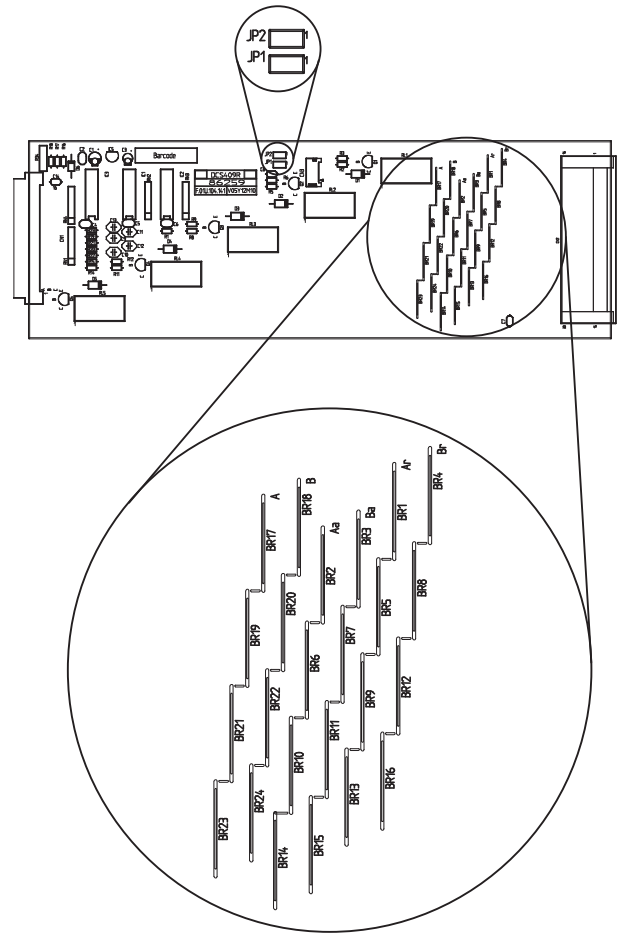
Exception: Slot 1 (far left) must always be occupied with a DCS 801R control module or DCS 405R extension module.

When assembling the device and installing the connections, please comply with the standards VDE 0100 and EN 60065.

Connector

The scope of delivery for the device includes two 15-pin connectors. Conductor cross-sections of 0.14 mm² (AWG26) to 1.5 mm² (AWG16) can be used.

Recommended connecting cable: flexible CU strand, LiY, 0.75 mm².



Position of the bridges on the circuit board

Certifications and approvals

Status as of November 2012:

- EN 50130-4
- EN 54-16
- EN 55103-1
- EN 55103-2

Ordering information

DCS 409R

Order number **F01U121786**

Represented by:

Germany:

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