3BHE041626R0101 PDD405 A101

PD D405 A101 / CONTROL HUB

A documented hub carrier in an ABB medium-voltage drive control arrangement.

SYSTEM POSITION

ACS580MV host
Drive control compartment

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PD D405 hub
Assembly carrier

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Daughter boards
Project-fitted positions

VERIFIED TECHNICAL IDENTITY

Order-code identity	3BHE041626R0101
Assembly designation	PD D405 A101 control hub
Documented slots	Five; ABB project parts list
Connection groups	Power, signal and optical links in the ACS580MV drawing
Mounted boards	Daughter boards occupy hub slots
Service fixing	Eight mounting screws in the host procedure

APPLICABILITY BOUNDARY

The complete 3BHE041626R0101 PDD405 A101 order code identifies the offered hub. ACS580MV diagrams describe a documented host arrangement; confirm the installed build, board population and wiring before applying host-level details.

EVIDENCE RECORD

ABB project electrical parts list, document 2UBB071990: complete part identity and five-slot description.

ABB ACS580MV Hardware Manual, 2UBB004520 Rev E: PD D405 hub diagram and control-compartment service procedure.

Documented hub connections

X1

Power connection; +24 V label in host figure

X2

Signal connector in host figure

Y1–Y4

Optical-link positions in host figure

X3 / X4 / PS

Additional marked positions; function not assigned here

SERVICE LOGIC / ACS580MV ARRANGEMENT

01 Stop, de-energize and ground the converter.

02 Open the applicable control-compartment breakers.

03 Identify and disconnect optical links, X1, X2 and the pressure tube.

04 Support the hub, remove the eight fixing screws, and refit in reverse order.

Keep a before-and-after record of board positions, optical routes and connector markings.

RELATED ABB CATALOG ENTRIES

ABB NDCU-11CK 64053868B

ABB GINT-6611C 68577349

ABB 1SFA664001R1001 TVOC-2-240

Catalog navigation only; these products are not confirmed substitutes.

EVIDENCE RECORD

ABB project electrical parts list, document 2UBB071990: complete part identity and five-slot description.

ABB ACS580MV Hardware Manual, 2UBB004520 Rev E: PD D405 hub diagram and control-compartment service procedure.

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