ABB DSDX452L 5716075-U

Record before isolation

Station identity	Full label and address switch setting
Input record	Twenty 24 V digital channel assignments
Output record	Twelve low-level relay circuit assignments
Expansion	Installed DSDX 451 / 451L / DSDI 451, if present

01 Identify the position

Photograph the complete DSDX452L 5716075-U label, address switches, SDB connection and expansion link.

02 Map field circuits

Label the twenty 24 V input conductors and twelve low-level relay output circuits by assigned channel.

03 Capture diagnostics

Record power, startup-test and communication indications before disconnecting the existing basic unit.

Control boundary

Apply the site maintenance procedure to the affected I/O before touching the field or MasterFieldbus wiring.

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Restore and test the I/O station

04 Rebuild the station

Restore each two-wire connector, the SDB bus, address setting and the approved expansion-unit connection.

05 Check the monitored states

Verify power-loss and communication monitoring and review the startup self-test result after controlled energization.

06 Exercise affected points

Prove representative input transitions and each affected low-level relay output against the controlled process response.

Address	Matches the recorded station position
Bus	SDB communication restored
Diagnostics	No unresolved power, startup or communication fault
Input / output	Affected channels operate as assigned

Stop condition

Do not release the station with unmatched wiring, an unresolved bus fault or a changed low-level output load.

Related product references

ABB DSDX451L 5716075-AH

ABB DSDX452 5716075-P