ABB DSDX452L 5716075-U

Signal and station interface

Unit role

DSDX 452L is the low-signal digital basic unit in ABB Advant Master S400 Remote I/O. The supplied full reference includes 5716075-U; confirm that suffix on the physical unit.

S400 unit class	Digital basic unit, low signal level outputs
Digital inputs	20
Input signal	24 V DC digital
Digital outputs	12
Output type	Relay, low-level signal type
Station communication	MasterFieldbus SDB

Output distinction

The twelve relay outputs are the low-level signal type. Compare the actual receiving circuits before replacing a basic unit or changing an output group.

Distributed I/O path

The S400 basic unit exchanges station data with its process station through MasterFieldbus SDB. Preserve the assigned bus connection and address.

ABB DSDX452L 5716075-U

Diagnostics and expansion boundary

Monitoring	Power loss; startup self-test; communication
Expansion: digital I/O	DSDX 451 or DSDX 451L
Expansion: digital input	DSDI 451
Field connection	Two-wire connectors; no extra terminal unit
Address access	Switches beneath removable top lid
Housing	Cast aluminium chassis with plastic cover

Expansion relationship

ABB lists DSDX 451, DSDX 451L and DSDI 451 as expansion options. The installed expansion hardware and its wired points must be recorded separately.

Document scope

ABB S400 Remote I/O technical data describes the DSDX 452L basic unit. Verify the full 5716075-U marking and project configuration on the offered hardware.

Related product references

ABB DSDX451L 5716075-AH

ABB DSDX452 5716075-P