

B&R · B&R System 2003

7DM465.7

System 2003 16-Input / 16-Output Digital Mixed Module

Exact-model official B&R product evidence found

Technical specifications

Digital inputs	16
Input voltage	24 VDC
Input delay	1 ms
Input circuit	Sink
Transistor outputs	16
Output voltage	24 VDC
Nominal output current	0.5 A per output
B&R ID code	\$F7
Voltage and output monitoring	Yes, OK LED
OK threshold	Supply voltage greater than 18 V and outputs OK
Power consumption	Maximum 1.1 W
Required terminal blocks	2 x TB718 ordered separately
Certifications	CE, UKCA, cULus HazLoc E180196

Documented role

B&R 7DM465.7 is a System 2003 mixed digital I/O module with sixteen 24 VDC sink inputs and sixteen 24 VDC transistor outputs.

It combines sensor acquisition and actuator switching in one local module for compact System 2003 machine-control stations.

Applications

- Compact sensor-and-actuator wiring in System 2003 stations
- Machine sequencing using 24 VDC inputs and transistor outputs
- Retrofit replacement where the original 16-input and 16-output terminal map is preserved

Selection note

B&R 7DM465.7 must be matched by complete material number, compatible System 2003 station or CPU, slot and terminal map, power and field wiring, saved project and connected devices. Back up the configuration and perform a controlled functional test after replacement.