

SIMOCODE PRO C

Product Data Sheet

3UF7000-1AB00-0

PROFIBUS Motor Management Basic Unit

RATED CONTROL SUPPLY 24 V DC	CONTROL SUPPLY TOLERANCE 0.8 to 1.2 x rated voltage	TYPICAL ACTIVE POWER 2.3 W	PROFIBUS SPEED 12 Mbit/s maximum
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Siemens 3UF7000-1AB00-0 is a profibus motor management basic unit in the SIMOCODE pro C range. It is intended for compatible industrial automation projects requiring the documented constant-speed motor protection and control.

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VERIFIED TECHNICAL DATA

Rated control supply	24 V DC
Control supply tolerance	0.8 to 1.2 x rated voltage
Typical active power	2.3 W
PROFIBUS speed	12 Mbit/s maximum
Digital input count	4, 24 V DC
Relay output count	3 monostable contacts
Thermistor input count	1
AC-15 contact rating	6 A at 24/120 V; 3 A at 230 V
DC-13 contact rating	2 A at 24 V
Mechanical contact endurance	10 million cycles

ADDITIONAL PRODUCT DATA

Digital cable limit	300 m
Thermistor trip resistance	3400 to 3800 ohm
Terminal tightening torque	0.8 to 1.2 N m
Operating temperature	-25 to 60 deg C
Enclosure protection	IP20

DOCUMENTED USE SETTINGS

Water Supply and Municipal Wastewater Treatment: Drinking Water Treatment Processes.

Industrial Chemical Manufacturing and Petrochemical Processing: Industrial Chemical Process Control.

Mineral Extraction and Industrial Ore Processing: Mineral Processing and Beneficiation.

SYSTEM COMPATIBILITY

Integrate 3UF7000-1AB00-0 only in the documented SIMOCODE pro C configuration. Match the installed interfaces and the engineered application before selecting this profibus motor management basic unit.

PRODUCT EVIDENCE

Siemens 3UF7000-1AB00-0 technical sheet, 2023-07-08, applicable pp.1 to 6