

Selection and ordering data

Version	SD	Screw terminals		PU (UNIT, SET, M)	PS*
	d	Article No.	Price per PU		

Expansion modules for SIMOCODE pro V

With SIMOCODE pro V, it is possible to expand the type and number of inputs and outputs in steps. Each expansion module has two system interfaces on the front. Through the one system interface the expansion module is connected to the system interface of the SIMOCODE pro V using a connection cable; through the second system interface, further expansion modules or the operator panel can be connected. The power supply for the expansion modules is provided by the connection cable through the basic unit.

Notes:

The SIMOCODE pro V PN GP basic unit can be used with the 3UF7300-1A.00-0 monostable digital module, the 3UF7510-1AA00-0 ground-fault module, or the 3UF7700-1AA0-0 temperature module.

Please order connection cable separately, [see page 10/22](#).

Digital modules

Up to two digital modules can be used to add additional binary inputs and relay outputs to the basic unit. The input circuits of the digital modules are supplied from an external power supply.

Four binary inputs and two relay outputs, up to two digital modules can be connected

Relay outputs	Input voltage	
Monostable	24 V DC	▶
	110 ... 240 V AC/DC	▶
Bistable	24 V DC	▶
	110 ... 240 V AC/DC	▶

Analog modules

By means of the analog module, the basic unit can be optionally expanded by analog inputs and outputs (0/4 ... 20 mA).

Two inputs (passive) for input and one output for output of 0/4 ... 20 mA signals, max. one analog module can be connected per pro V PB/MB RTU basic unit and max. two analog modules per pro V PN/EIP basic unit

Ground-fault modules

Ground-fault monitoring using 3UL23 residual-current transformers and ground-fault modules is used in cases where precise detection of the ground-fault current is required or power systems with high impedance are grounded.

With the ground-fault module, it is possible to determine the precise fault current as a measured value, and to define freely selectable warning and trip limits in a wide range from 30 mA ... 40 A.

One input for connecting a 3UL23 residual-current transformer, up to one ground-fault module can be connected

Note:

For corresponding residual-current transformers, [see page 11/55](#).

Temperature modules

Irrespective of the thermistor motor protection of the basic units, up to an additional three analog temperature sensors can be evaluated using a temperature module.

Sensor types: Pt100/Pt1000, KTY83/KTY84 or NTC

Three inputs for connecting up to three analog temperature sensors, up to one temperature module can be connected per pro V PB/MB RTU basic unit and up to two temperature modules per pro V PN/EIP basic unit



3UF7300-1AB00-0



3UF7400-1AA00-0



3UF7510-1AA00-0



3UF7700-1AA00-0