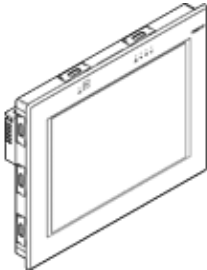# Operator unit
FED-1000

Part number: 543515
Product to be discontinued

Display and operator unit with LCD graphic display for connecting to PLC systems, with 1 function key.

Type to be discontinued. Available until 2017. See Support Portal for alternative products.

Data sheet

Feature	Value
Depth	91 mm
Height	232 mm
Length	287 mm
Max. front panel thickness	5 mm
User memory	32 Mbyte
Number of user LEDs	1
Number of function keys	1
Real-time clock	Yes
Event lists	1,024
Recipe memory	32 kByte
Alarms	1,024
Real-time clock deviation	130 s / month
Number of colours	64 k
Number of system LEDs	4
Display	TFT colour
Display property	Touchscreen
Display size	10,4"
Backup battery	3 V / 270 mA Lithium
Operating voltage range DC	18 ... 30 V
Display resolution	VGA, 640x480 Pixel
Nominal operating voltage DC	24 V
Current consumption at nominal operating voltage	1,2 A
CE mark (see declaration of conformity)	to EU directive for EMC
Storage temperature	-20 ... 70 °C
Relative air humidity	5 - 85 % non-condensing
Protection class	IP65 front, IP20 back
Ambient temperature	0 ... 45 °C
Authorisation	c UL us - Listed (OL) RCM Mark
Product weight	2,300 g
AUX interface	Sub-D 9-pin Plug socket
Printer interface	RS232 Sub-D 15-pin Plug socket
PC interface	RS232 Sub-D 15-pin

Feature	Value
	Plug socket
Programming interface	9,6 - 38,4 kBd
PLC interface	RS232
	Sub-D
	15-pin
	Plug
Ethernet interface	RJ45 10/100 MBd
	2nd Ethernet interface, optical 10 MBd
Mounting type	Front panel installation
Materials note	Conforms to RoHS
Programming software	FED Designer 6.06 or higher
Explosion protection certification outside the EU	NEC 500 Class I, Div. 2