

Product availability : Stock - Normally stocked in distribution facility



Price\* : 6850.00 USD



Main

Range of product	Modicon M580
Product or component type	Processor module
Supply	Internal power supply via rack

Complementary

Number of racks	4
Discrete I/O processor capacity	2048 I/O
Analogue I/O processor capacity	512 I/O
Number of application specific channel	72
Application specific I/O	HART Serial link Accurate time stamping SSI encoder Motion control Counter
Checks	Process control
Control channels	Programmable loops
Integrated connection type	USB type mini B 1 Ethernet TCP/IP service port 2 Ethernet TCP/IP device network
Number of distributed equipment	128
Communication module processor capacity	2 Ethernet communication module 8 AS-Interface module
Communication service	DIO scanner
Memory description	Expandable flash 4 GB data storage Integrated RAM 10 kB system memory Integrated RAM 8 MB program Integrated RAM 768 kB data
Application structure	2 auxiliary tasks 1 cyclic/periodic master task 1 periodic fast task

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

	64 event tasks
Number of instructions per ms	7.5 Kinst/ms 65 % Boolean + 35 % fixed arithmetic 10 Kinst/ms 100 % Boolean
Current consumption	270 mA 24 V DC
MTBF reliability	600000 H
Marking	CE
Status LED	1 LED green download in progress (DL) 1 LED red memory card or CPU flash fault (BACKUP) 1 LED green/red ETH MS (Ethernet port configuration status) 1 LED green/red Eth NS (Ethernet network status) 1 LED green processor running (RUN) 1 LED red I/O module fault (I/O) 1 LED red processor or system fault (ERR)
Product weight	1.87 lb(US) (0.849 kg)

## Environment

Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Operating altitude	0...6561.68 ft (0...2000 m)
Relative humidity	5...95 %
IP degree of protection	IP20
Standards	EN/IEC 60079-31 EN/IEC 61131-2 UL 508 EN/IEC 60079-15 LWD 2006/95/EC CSA C22.2 No 142 EMC 2004/108/EC CSA C22.2 No 213 Class I Division 2 EN/IEC 60079-0
Product certifications	WEEE directive 2002/96/EC ATEX II 3 Gas & Dust zone 2/22 GOST EAC RCM Merchant Navy RoHS directive 2011/65/EU REACH directive 1907/2006/EC

## Ordering and shipping details

Category	18161 - MODICON M580 CONTROLLERS HSBY
Discount Schedule	PC34
GTIN	00785901979920
Nbr. of units in pkg.	1
Package weight(Lbs)	1.95
Returnability	Y
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1623 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">Product Environmental Profile</a>
Product end of life instructions	Available