

Product availability : Stock - Normally stocked in distribution facility



Price* : 4300.00 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	1024 I/O
Analogue I/O processor capacity	256 I/O
Number of application specific channel	36
Application specific I/O	Serial link Accurate time stamping SSI encoder Motion control Counter HART
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	64
Communication module processor capacity	2 Ethernet communication module 8 AS-Interface module
Communication service	DIO scanner
Memory description	Integrated RAM 4 MB program Integrated RAM 384 kB data Expandable flash 4 GB data storage Integrated RAM 10 kB system memory
Application structure	1 periodic fast task 2 auxiliary tasks 1 cyclic/periodic master task

	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	LWD 2006/95/EC CSA C22.2 No 213 Class I Division 2 CSA C22.2 No 142 UL 508 EN/IEC 60079-15 EN/IEC 60079-0 EN/IEC 61131-2 EMC 2004/108/EC EN/IEC 60079-31
Product certifications	Merchant Navy EAC GOST ATEX II 3 Gas & Dust zone 2/22 RoHS directive 2011/65/EU REACH directive 1907/2006/EC WEEE directive 2002/96/EC RCM

Ordering and shipping details

Category	18161 - MODICON M580 CONTROLLERS HSBY
Discount Schedule	PC34
GTIN	00785901977414
Nbr. of units in pkg.	1
Package weight(Lbs)	1.9399999999999999
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 Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available