

Product availability : Stock - Normally stocked in distribution facility



Price* : 11300.00 USD



Main

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

Complementary

Number of racks	8
Discrete I/O processor capacity	3072 I/O
Analogue I/O processor capacity	768 I/O
Number of application specific channel	108
Application specific I/O	Accurate time stamping Motion control HART Serial link SSI encoder 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 remote I/O station	16 - 2 rack(s) per remote drop
Number of distributed equipment	64
Communication module processor capacity	8 AS-Interface module 3 Ethernet communication module
Communication service	DIO scanner RIO scanner
Memory description	Expandable flash 4 GB data storage Integrated RAM 10 kB system memory Integrated RAM 12 MB program Integrated RAM 1024 kB data
Application structure	2 auxiliary tasks

	1 cyclic/periodic master task 128 event tasks 1 periodic fast task
Number of instructions per ms	20 Kinst/ms 100 % Boolean 15 Kinst/ms 65 % Boolean + 35 % fixed arithmetic
Current consumption	295 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 61131-2 CSA C22.2 No 142 UL 508 LWD 2006/95/EC EN/IEC 60079-0 EN/IEC 60079-31 CSA C22.2 No 213 Class I Division 2 EN/IEC 60079-15 EMC 2004/108/EC
Product certifications	REACH directive 1907/2006/EC GOST RoHS directive 2011/65/EU Merchant Navy EAC RCM WEEE directive 2002/96/EC ATEX II 3 Gas & Dust zone 2/22

Ordering and shipping details

Category	18161 - MODICON M580 CONTROLLERS HSBY
Discount Schedule	PC34
GTIN	00785901997900
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 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