

Product availability : Stock - Normally stocked in distribution facility



Price* : 15700.00 USD



Main

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

Complementary

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|---|---|
| Number of racks | 8 |
| Discrete I/O processor capacity | 4096 I/O |
| Analogue I/O processor capacity | 1024 I/O |
| Number of application specific channel | 144 |
| Application specific I/O | SSI encoder Counter Accurate time stamping HART Serial link Motion control |
| 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 | 8 AS-Interface module 4 Ethernet communication module |
| Communication service | DIO scanner |
| Memory description | Expandable flash 4 GB data storage Integrated RAM 10 kB system memory Integrated RAM 16 MB program Integrated RAM 2048 kB data |
| Application structure | 128 event tasks 1 cyclic/periodic master task 1 periodic fast task |

| | |
|-------------------------------|---|
| | 2 auxiliary tasks |
| Number of instructions per ms | 30 Kinst/ms 65 % Boolean + 35 % fixed arithmetic 40 Kinst/ms 100 % Boolean |
| 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

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

Ordering and shipping details

| | |
|-----------------------|---------------------------------------|
| Category | 18161 - MODICON M580 CONTROLLERS HSBY |
| Discount Schedule | PC34 |
| GTIN | 00785901991403 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 1.95 |
| Returnability | N |
| 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 |