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Find the *Schneider Electric / AEG / Modicon 140DRA84000* at our website: *Click HERE*

# Product data sheet
## Characteristics

# 140DRA84000
## discrete output module Modicon Quantum - 16 O

Green Premium™ Product

Product availability: Stock - Normally stocked in distribution facility

Price*: 1424.00 USD



### Main

| | |
|---|---|
| Commercial Status | Commercialised |
| Range of product | Modicon Quantum automation platform |
| Product or component type | Relay discrete output module |
| Discrete output number | 16 |

### Complementary

| | |
|---|---|
| Contacts type and composition | 1 NO |
| Contact form | Form A |
| Discrete output voltage | 5...30 V DC<br>30...150 V DC<br>20...250 V AC |
| Addressing requirement | 1 output word |
| Minimum load | >= 50 mA 5...30 V DC<br>>= 50 mA 20...250 V AC |
| Maximum load current | 300 mA 30...50 V DC resistive<br>2 A 250/30 V AC/DC resistive at 140 °F (60 °C)<br>1 A 250/30 V AC/DC tungsten<br>1 A 250/30 V AC/DC 1/8 hp cos phi = 0.4 |
| Surge current | <= 10 A for 10 ms capacitive |
| Switching capacity in VA | 500 VA resistive |
| Response time on input opening | <= 20 ms at state 1 to state 0<br><= 10 ms at state 0 to state 1 |
| Mechanical durability | 10000000 cycles |
| Electrical durability | 50000 cycles 500 mA 30...150 V DC resistive<br>200000 cycles 2 A 250 V AC resistive<br>100000 cycles 300 mA 30...150 V DC resistive<br>100000 cycles 30...150 V DC interposing relay<br>100000 cycles 2 A 30 V DC resistive<br>100000 cycles 100 mA 30...150 V DC L/R = 10 ms |
| Output overvoltage protection | Internal by varistor, 275 V |
| Isolation between channels | 1780 Vrms AC for 1 minute |
| Isolation between channels and bus | 2500 V DC for 1 minute<br>1780 Vrms AC for 1 minute |
| Power dissipation | 5.5 W + (0.5 x the number of points on) |
| Marking | CE |
| Local signalling | 16 LEDs green input status<br>1 LED red external fault detected (F)<br>1 LED green bus communication is present (Active) |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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| | |
|---|---|
| Bus current requirement | 1100 mA |
| Module format | Standard |
| Product weight | 0.9 lb(US) (0.41 kg) |

## Environment

| | |
|---|---|
| Product certifications | ABS<br>C-Tick<br>FM Class 1 Division 2<br>GOST |
| Standards | CSA C22.2 No 142<br>UL 508 |
| Resistance to electrostatic discharge | 8 kV on air conforming to IEC 801-2<br>4 kV contact conforming to IEC 801-2 |
| Resistance to electromagnetic fields | 9.14 V/yd (10 V/m) 80...2000 MHz conforming to IEC 801-3 |
| Ambient air temperature for operation | 32...140 °F (0...60 °C) |
| Ambient air temperature for storage | -40...185 °F (-40...85 °C) |
| Relative humidity | 95 % without condensation |
| Operating altitude | <= 16404.2 ft (5000 m) |

## Ordering and shipping details

| | |
|---|---|
| Category | 18155 - QUANTUM I/O & POWER SUPPLIES |
| Discount Schedule | PC21 |
| GTIN | 00785901794639 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 2.21 |
| Product availability | Stock - Normally stocked in distribution facility |
| Returnability | Y |
| Country of origin | CN |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 1001 - Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold |
| Product environmental profile | Available Download Product Environmental Profile |
| Product end of life instructions | Need no specific recycling operations |

## Contractual warranty

| | |
|---|---|
| Period | 18 months |


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