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Find the *Schneider Electric / AEG / Modicon 140DAO85300* at our website: *Click HERE*

Product data sheet
Characteristics

140DAO85300
discrete output module Modicon Quantum - 32 O - 20..253 V AC

Product availability: Stock - Normally stocked in distribution facility

Price*: 1934.00 USD



Main

Commercial Status	Commercialised
Range of product	Modicon Quantum automation platform
Product or component type	AC discrete output modules
Discrete output number	32

Complementary

Group of channels	4 groups of 8 channels
Supply frequency	47...63 Hz
Voltage drop	1.5 V
Discrete output voltage	20...253 V AC
Addressing requirement	2 output words
Absolute maximum output	400 Vrms 1 cycle AC 300 Vrms for 10 s AC
Minimum load	10 A
Maximum load current	4 A rms four contiguous output 4 A rms 20...132 V per output 3 A rms 170...253 V per output 2.5 mA rms 230 Vrms off state leakage per output 2 mA rms 115 Vrms off state leakage per output 16 A rms per module 1 mA rms 48 Vrms off state leakage per output 1 mA rms 24 Vrms off state leakage per output
Surge current	<= 8 A during 3 cycles per point <= 15 A during 2 cycles per point <= 12 A during 1 cycle per point
DV/Dt	400 V/ms
Response time	<= 0.5 ms at state 1 to state 0 <= 0.5 ms at state 0 to state 1
Protection type	Internal by RC filter Internal output protection by 4 A fuse
Power dissipation	1.60 + (1.0 V x total module load current)
Marking	CE
Local signalling	32 LEDs green input status 1 LED red external fault detected (F) 1 LED green bus communication is present (Active)
Bus current requirement	320 mA
Module format	Standard
Product weight	0.99 lb(US) (0.45 kg)

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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Environment

Product certifications	CUL FM Class 1 Division 2
Standards	CSA C22.2 No 142 UL 508
Resistance to electrostatic discharge	8 kV on air conforming to IEC 801-2 4 kV contact conforming to IEC 801-2
Resistance to electromagnetic fields	9.14 V/yd (10 V/m) 80...1000 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	00785901328506
Nbr. of units in pkg.	1
Package weight(Lbs)	1.12
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	US

Contractual warranty

Period	18 months

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