Modicon Quantum automation platform

Catalog

November 2015



Schneider Electric

Modicon Quantum automation platform

Treatment for severe environments

"Conformal Coating" discrete I/O modules and analog I/O modules

"Conformal Coating" discrete mixed I/O modules (1)

No.	Inputs	Outputs	Safety	Certified ATEX Zone 2/22	Reference	Weight kg/*lb*
24 I/O	**16 x 24 V ⎓ inputs** 2 groups of 8, positive logic	**8 x 24 V ⎓ outputs** 2 groups of 4, positive logic	–	Yes	**140DDM39000C**	0.300/ *0.661*
	16 x 125 V ∿ inputs 2 groups of 8	**8 x 125 V ∿ outputs** 2 groups of 4	–	–	**140DAM59000C**	0.450/ *0.992*
8 I/O	**4 x 125 V ⎓ inputs** 1 group of 4, positive logic	**4 outputs** **24…125 V ⎓** No common point, positive or negative logic	–	–	**140DDM69000C**	0.300/ *0.661*

"Conformal Coating" analog input modules (2)

Description	Range	Safety	Certified ATEX Zone 2/22	Reference	Weight kg/*lb*
8 high level channels 12-bit, unipolar	4...20 mA 1 ... 5 V	–	Yes	**140ACI03000C**	0.300/ *0.661*
16 high level channels 0…25,000 points, unipolar	0...20 mA, 0...25 mA 4...20 mA	Non-interfering	Yes	**140ACI04000C**	0.300/ *0.661*
8 RTD channels 13-bit	Ni 100, Ni 200, Ni 500, Ni1000, Pt 100, Pt 200, Pt 500, Pt1000	–	–	**140ARI03010C**	0.300/ *0.661*
8 thermocouple and low level channels 16-bit	Types J, K, E, T, S, R, B ± 25 mV, ± 100 mV	–	–	**140ATI03000C**	0.300/ *0.661*
8 high level channels 16-bit, bipolar	± 20 mA, 0…20 mA, 4…20 mA ± 10 V, ± 5 V, 0…10 V, 0…5 V, 1…5 V	–	Yes	**140AVI03000C**	0.300/ *0.661*

"Conformal Coating" analog output modules (2)

Description	Range	Safety	Certified ATEX Zone 2/22	Reference	Weight kg/*lb*
4 current channels 12-bit	4...20 mA	Non-interfering	Yes	**140ACO02000C**	0.300/ *0.661*
8 current channels 0…25,000 points	0...20 mA 0...25 mA 4...20 mA	–	Yes	**140ACO13000C**	0.300/ *0.661*
4 high level voltage channels 12-bit	± 5 V, ± 10 V 0…5 V, 0…10 V	–	Yes	**140AVO02000C**	0.300/ *0.661*
8 current channels 16-bit	4...20 mA	–	Yes	**140SAI94000S**	0.300/ *0.661*

"Conformal Coating" mixed analog I/O modules (2)

Description	Range	Safety	Certified ATEX Zone 2/22	Reference	Weight kg/*lb*
4 input channels, 14…16-bit	± 20 mA, 0…20 mA, 4…20 mA ± 5 V, ± 10 V, 0…5 V, 0…10 V, 1…5 V	–	Yes	**140AMM09000C**	0.300/ *0.661*
2 output channels 12-bit	4…20 mA				

(1) For accessories, connection cables, replacement parts, see page 3/15.
(2) For accessories, see page 3/23.

8