

# Modicon Quantum automation platform

## IP 20 distributed I/O system

Applications	Momentum distributed I/O										
											
Type of bus or network	Ethernet Modbus Plus Fipio DeviceNet Profibus DP INTERBUS										
Max. number per connexion points	1 base										
Max. number of connexion points	126 to 512 points depending on the type of bus or network										
<table border="1"> <tr> <td data-bbox="113 1102 379 1151">Discrete inputs/outputs</td> <td data-bbox="379 1102 630 1151">Number of channels</td> <td data-bbox="660 1102 1447 1151">16 I, 32 I, 8 O, 16 O, 32 O, 10 I/8 O, 16 I/8 O, 16 I/12 O et 16 I/16 O</td> </tr> <tr> <td></td> <td data-bbox="379 1151 630 1200">Input voltage</td> <td data-bbox="660 1151 1447 1200">= 24 V, ~ 120 V and ~ 230 V</td> </tr> <tr> <td></td> <td data-bbox="379 1200 630 1249">Output voltage</td> <td data-bbox="660 1200 1447 1249">= 24 V, ~ 120 V and ~ 230 V and relaiy</td> </tr> </table>	Discrete inputs/outputs	Number of channels	16 I, 32 I, 8 O, 16 O, 32 O, 10 I/8 O, 16 I/8 O, 16 I/12 O et 16 I/16 O		Input voltage	= 24 V, ~ 120 V and ~ 230 V		Output voltage	= 24 V, ~ 120 V and ~ 230 V and relaiy		
Discrete inputs/outputs	Number of channels	16 I, 32 I, 8 O, 16 O, 32 O, 10 I/8 O, 16 I/8 O, 16 I/12 O et 16 I/16 O									
	Input voltage	= 24 V, ~ 120 V and ~ 230 V									
	Output voltage	= 24 V, ~ 120 V and ~ 230 V and relaiy									
Analogue inputs/outputs	Bases 4 I, 8 I, 16 I and 4 O										
Counting	Base 2 channels 10 kHz/200 kHz										
Other types	6 I/3 O ~ 120 V and 1 Modbus port module M1 processeur module (programming under Concept or ProWORX)										
Type of distributed I/O	<b>170 AD●</b>										
Pages	Consult our catalogue "Momentum automation platform"										

**Advantys OTB distributed I/O**



Ethernet  
CANopen  
Modbus SL (RS 485)

1 module + 7 Twido I/O expansion modules

12 I/8 O, 8 I, 16 I, 8 O, 16 O, 4 I/4 O and 16 I/8 O

--- 24 V, ~ 120 V

--- 24 V and relay

Modules 4 I, 8 I, 2 O et 2 I/1 O

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**OTB 1●O DM9LP ▲**

Consult our catalogue “Advantys OTB distributed I/O”

**Advantys STB distributed I/O solution**



Ethernet  
CANopen  
Modbus Plus  
Fipio  
DeviceNet  
Profibus DP  
INTERBUS

32 modules

2 I, 4 I, 6 I, 2 O, 4 O, 6 O

--- 24 V, ~ 115 V and ~ 230 V

--- 24 V, ~ 115/230 V and relay

Modules 2 I and 2 O

Module 1 channel 40 kHz

Parallel interface module for Tego Power applications  
Parallel interface module for TeSys modèle U starter-controllers

**STB D●●/A●●**

Consult our catalogue “Advantys STB distributed I/O”