Modicon Premium automation platform
TBX distributed discrete I/O modules

Applications		Distributed discrete inputs on Fipio bus			
					
Degree of protection		IP 20			
Voltage		⎓ 24 V			⎓ 48 V
Output current		–			
Modularity		16 channels			16 channels (transistors)
Possible extension		–	32 channels maximum per connection point		
Proximity sensor compatibility IEC 1131		Type 1	Type 2		
Protection against overloads					
Additional functions	**Wiring check**	–	Integrated	–	
	Output fallback	–	–	–	
	Programmable filter	–	–	Integrated	–
	Latching states	–	–	Integrated	–
Type of modules		**TBX CEP 1622**	**TBX DES 1622**	**TBX DES 16C22**	**TBX DES 16F22**	**TBX DES 1633**
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Distributed discrete outputs on Fipio bus						Distributed discrete I/O on Fipio bus					
											
⎓ 24 V		∿ 24/240 V				Inputs ⎓ 24 V Outputs ⎓ 24 V			Inputs ⎓ 24 V Outputs ∿ 24/240 V, ⎓ 24 V		Inputs ∿120 V Outputs ∿120 V
		⎓ 24 V	⎓ 24/48 V	⎓ 24 V							
0.5 A		16 “F” 50 VA	12 “F” 100 VA	16 “F” 50 VA		0.5 A	2A	0.5A	2 “F” 50 VA	8 “F” 50 VA	8 “F” 100 VA
16 channels (transistors)		16 channels (Relay)	12 channels (Relay)	16 channels (Relay)		8 channels Inputs/ 8 channels Outputs (transistors)		16 channels I/O program-mables	8 Inputs channels 2 Outputs channels (Relay)	8 Inputs channels 8 Outputs channels (Relay)	8 Inputs channels 8 Outputs channels (Relay)
–	32 channels maxi per connection point	–	24 ou 32 channels maxi per connection point			32 ou 20 channels maxi per connection point					
						Type 2					
Protected		Not Protected				Protected			Not Protected		Protected
–		Integra-ted	–			Integrated			–		
–	Integra-ted	–	Integrated								
–											
–											
TBX CSP 1622	**TBX DSS 1622**	**TBX DSS 16C22**	**TBX CSP 1625**	**TBX DSS 1235**	**TBX DSS 1625**	**TBX DMS 16C22**	**TBX DMS 16C222**	**TBX DMS 16P22**	**TBX DMS 1025**	**TBX DMS 1625**	**TBX DMS 16S44**