



FORM

Revolutionising air compressor control and performance monitoring

With bespoke configuration and customisation options, Airmaster FORM is an all-round solution to control and monitor the performance and health of a stand-alone air compressor.

Incorporated within the chosen air compressor, FORM monitors performance and health during operation providing local insights via its graphic display.



Automate local asset groups using FORM's 'Internal System Control' software. Alternatively, FORM can be integrated with an Airmatics™ Command & Control product



Protect your investment with FORM's built-in 'phase' protection circuit and both prime and fan motor 'current' protection

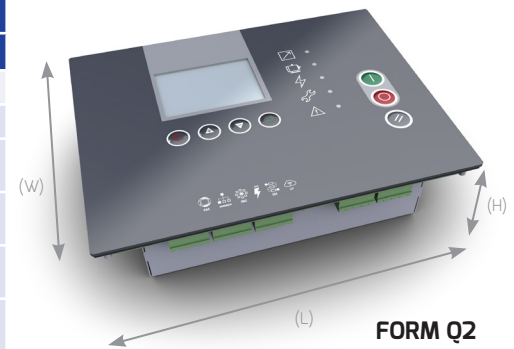


Industry 4.0 / IOT ready to integrate with Airmatics™ and Aircloud, a dedicated 'APP' for cloud based asset performance and health monitoring

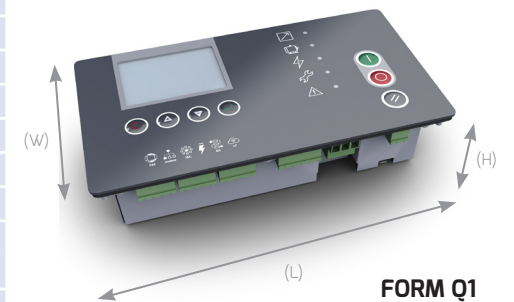


SPECIFICATIONS

ITEM	DESCRIPTION	FORM Q1	FORM Q2
		TERMINAL	TERMINAL
Input Power	24vAC (+/- 20%), 50/60 Hz	X06	X06
Input/Output (I/O)	2 x Analogue input, 4-20mA	X03	N/A
	1 x Analogue input, 4-20mA, KTY, PT100, PT1000 (Software configured)	X03	N/A
	4 x Analogue input, 4-20mA, KTY, PT100, PT1000 (Software configured)	N/A	X03A
	4 x Analogue input, 4-20mA, KTY, PT100, PT1000 (Software configured)	N/A	X03B
	1 x Analogue input, 4-20mA, KTY, PT100, PT1000 (Software configured)	N/A	X15
	1 x Analogue input, 4-20mA, KTY, PT100, PT1000 (Software configured)	X16	X16
	1 x Analogue output, 4-20mA (Software configured)	X01	X01A
	1 x Analogue output, 4-20mA (Software configured)	N/A	X01B
	8 x Digital Input, Volt free contact (software configured)	X02	X02A
	8 x Digital Input, Volt free contact (software configured)	N/A	X02B
2 x Relay Output, 240V/8A resistive load (software configured)	X07	X07A	
3 x Relay Output, 240V/8A resistive load (software configured)	X08	X08A	
3 x Relay Output, 240V/8A resistive load (software configured)	X09	X09A	
3 x Relay Output, 240V/8A resistive load (software configured)	N/A	X17	
3 x Relay Output, 240V/8A resistive load (software configured)	N/A	X18	
100mA CT, Asset prime motor current - L1			
100mA CT, Asset prime motor current - L2	X11	X11	
100mA CT, Asset fan motor current - L1			
100mA CT, Asset fan motor current - L2	X10	X10	
0 - 600V AC, L1, L2, L3, Asset voltage (CATIII)	X12	X12	
Communications	Serial RS485, Airbus or Modbus RTU asset comm.'s	X04	X04
	Serial RS485, Airbus or Modbus RTU asset comm.'s	X05	X05
	Serial RS485, Airbus or Modbus RTU asset comm.'s	X06	X06
	Ethernet RJ45	X14	X14
Display	3.2" (240x160 px), Monochrome graphic display		
Keypad	7 tactile push buttons with customisation option (>100 u.p.a.)		
User interface LED's	Up to 12, 5 colours (Red, Amber, Green, Blue, Yellow), 4 functions (OFF, SLOW, FAST, ON), software configurable		
Mounting	Panel mount, M4		
Construction	FRONT: IP65 (NEMA4), REAR: IP20, Pollution degree II		
Operating temperature	0 to +60°C / 32 to +140°F, <95% relative humidity (non-condensing)		
Storage temperature	-25 to +70°C / -13 to +158°F		
Weight	FORM Q1: 0.78kg, FORM Q2: 1.22kg FORM Q1: 1.71lb, FORM Q2: 2.69lb		
Dimensions (flush mount)	FORM Q1: 120mm or 171.8 x 221mm x 54.1mm FORM Q2: 171.8 x 221 x 54.1mm FORM Q1: 4.72 or 6.76 x 8.7 x 2.13inch FORM Q2: 6.76 x 8.7 x 2.12inch		
Dimensions (Bezel)	FORM Q1: 144 x 245 x 59mm (THICK) or 125.65 x 227 x 59mm (THIN) FORM Q2: 177.8 x 227 x 59mm FORM Q1: 5.66 x 9.64 x 2.32inch (THICK) or 4.94 x 8.93 x 2.32inch (THIN) FORM Q2: 6.96 x 8.93 x 2.32inch		
Certifications	CE, UL, CSA, EAC		



FORM Q2



FORM Q1

- › Flush or Bezel mount options
- › Convenient terminal arrangement
- › IP65 / NEMA4 fascia protection
- › Build-in' phase protection feature
- › Prime & Fan motor current protection
- › MODBUS ready
- › Industry 4.0 / IOT ready
- › Asset group control ready
- › Command & Control ready

Visit www.controlcompressors.com to learn more or call:

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