

FORM  
FIT  
FLEX



## Revolutionising air compressor control and performance monitoring

Building on the functionality and easy-to-use graphical interface of AIRMASTER™ FIT, AIRMASTER™ FORM, the medium range product from AIRMASTER™, provides enhanced customisation and bespoke configuration possibilities that enable OEMs to integrate controllers designed exclusively for their needs.

FORM also features an innovative after-market option called 'Clone key'. Plug Clone key into any FORM controller and it will perpetually retain FORM's vital utilisation, parameter, log and event data. If the need arises to change the FORM controller, simply move its Clone key and data recovery takes seconds, not hours!



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

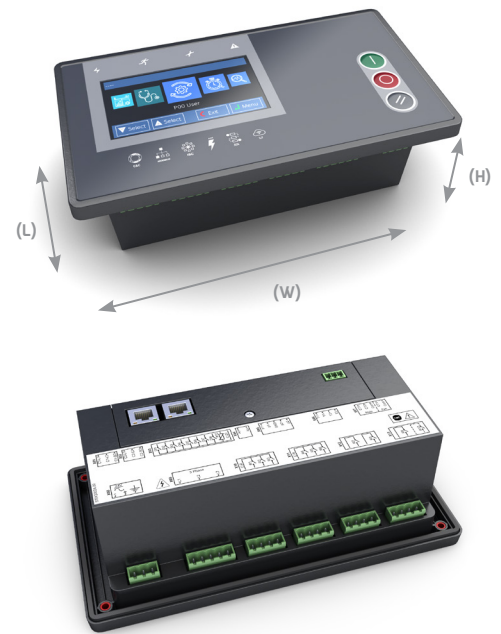


Industry 4.0 / IOT ready to integrate with Airmatics™ and Aircloud, a dedicated 'APP' for cloud based asset performance and health monitoring



# SPECIFICATIONS

ITEM	DESCRIPTION	TERMINAL
<b>Input Power</b>	24 VAC (0.8A) / 24 VDC (0.3A), +/- 15%, 50/60 Hz	X08
<b>Input/Output (I/O)</b>	2 x 'Pressure' Analogue Input, software configurable for 4-20mA, 0-5V or 0-10V	X05
	2 x 'Temperature' Analogue Input, software configurable for KTY, PT100, PT1000, NTC	X06
	1 x Analogue Output, 4-20mA (Option, see table)	X04
	9 x Digital Input, Volt free contact (software configured) (DI9: Motor PTC)	X03
	3 x Relay Output, 250V/8A resistive load (software configurable)	X10
	3 x Relay Output, 250V/5A resistive load (software configurable)	X11
	2 x Relay Output, 250V/5A resistive load (software configurable)	X12
	2 x Relay Output, 250V/5A resistive load (software configurable) (Option, see table)	X13
	100mA CT, Asset prime motor current - L1	X07
	100mA CT, Asset prime motor current - L2	
<b>Communications</b>	20mA CT, Asset fan motor current - L2	
	0 - 600VAC, L1, L2, L3, Asset voltage (CATIII)	X09
<b>LAN / IOT module</b>	Serial RS485: Airbus or Modbus RTU asset comm.'s	X01
	Serial RS485: Airbus or Modbus RTU asset comm.'s	X02
<b>CLONE KEY</b>	Module, Optional, factory or after-market fit (excludes network access gateway)	
	Serial RS485: Airbus or Modbus RTU asset comm.'s	X14
	Ethernet RJ45	X15
<b>Display</b>	Ethernet RJ45	X16
	Ethernet RJ45	X17
<b>Keypad</b>	Module, Optional, factory or after-market fit	
<b>Customisation</b>	4.3" (480 x 272 px), colour graphic display with optional TOUCH feature	
<b>User interface LED's</b>	7 or 3 tactile puch buttons or 'custom membrane' (Option, see table)	
<b>Mounting</b>	Overlay or keypad artwork, Key and LED placement, subject to minimum purchase req.'s (Option, See table)	
<b>Construction</b>	Fixed colour (Red, Amber, Green, Yellow), Fixed function (OFF, SLOW, FAST, ON), (Option, see table)	
<b>Operating temperature</b>	Panel front-mount, 4 x M4 (excludes panel fixings)	
<b>Storage temperature</b>	Front: IP65, Rear: IP20, Pollution degree II	
<b>Weight</b>	-20 to +55° C / -4 to +131 °F, <95% relative humidity (non-condensing)	
<b>Dimensions L x W x H</b>	-25 to +70 °C / -13 to +158 °F	
<b>Certifications</b>	0.5 kg / 17.6 ounces	
	128mm (L) x 229mm (W) x 75mm (H) 5.04inch (L) x 9.02inch (W) x 2.95inch (H)	
	CE, UL, CSA, EAC, UKCA	



- > Colour graphic display
- > Intuitive touch display option
- > 'Built-in' phase protection
- > Prime and Fan motor current protection
- > Durable ABS plastic enclosure
- > Convenient terminal arrangement
- > IP65 fascia protection
- > MODBUS ready
- > Industry 4.0 / IOT ready
- > Factory or Aftermarket IOT Option module
- > Asset group control ready
- > Command & Control ready
- > Enhanced User Interface customisation options
- > Parameter recovery option using 'Clone key'

VARIANTS & OPTIONS ('Y' = YES, 'N' = NO, 'O' = OPTION)									
Variant	Touch Display	Relay Outputs	Analogue Outputs	Physical Keys	Status LED's	Custom Facia Artwork	Custom Key & LED location	CLONE KEY	LAN / IOT module
FORM '8'	N	8	-	7	N	O	N	O	O
FORM '8 TOUCH'	Y	8	-	3	N	O	N	O	O
FORM '8 LED TOUCH'	Y	8	-	3	Y	O	N	O	O
FORM '10 LED TOUCH'	Y	10	1	3	Y	O	O	O	O

Visit [www.controlcompressors.com](http://www.controlcompressors.com) to learn more or call:

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