ICC-402 SERIES

STANDARD FEATURES
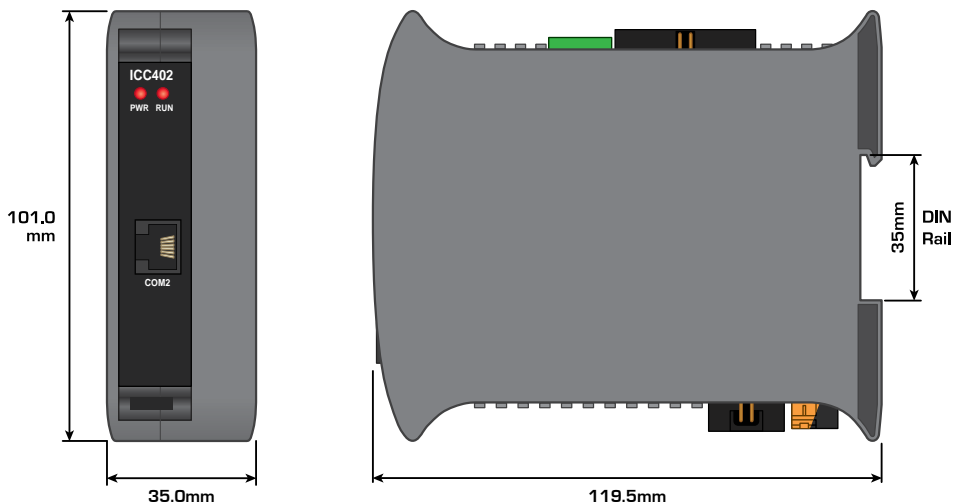
Case	35mm DIN rail mount 101 x 35 x 119.5mm (H x W x D)
Power supply	Choose between:
HV	85-265V AC / 95-370V DC
LV	15-48V AC / 10-72V DC
Digital input	3 x channels
Analogue input	Up to 12 x channels
Serial output	1 x RS232/485
Memory	256KB config. space (no data-logging)

OPTIONAL FEATURES

Analogue output	1/4 x 4-20mA, 100Hz 1/2/4 x 0-10V, 100Hz
Serial output	1-3 port upgrades available in a variety of combinations
Digital I/O	Add up to 58 digital inputs and 60 digital outputs
Display	LED/LCD/touch panel display options
Memory	3,072KB/1GB memory upgrades available (enables data-logging and real-time clock)

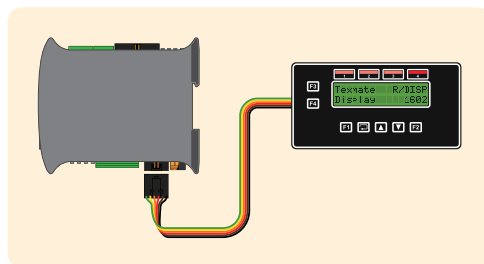### ICC - 402 BASE UNITS

ICC - 402 - HV	ICC - 402 base controller with HV (high voltage) power supply
ICC - 402 - LV	ICC - 402 base controller with LV (low voltage) power supply

101.0 mm

35.0mm

ICC402
PWR RUN
COM2

119.5mm

35mm DIN Rail

DISPLAY

If you require a display for your ICC - 402 controller then you may select any **ONE** of the displays listed below.
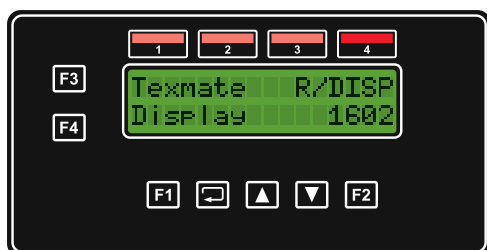
Unless otherwise stated, displays connect to your ICC - 402 using a remote display cable (shown on right). Custom branding is available where there is sufficient space to add a logo - please contact Texmate for a quote.
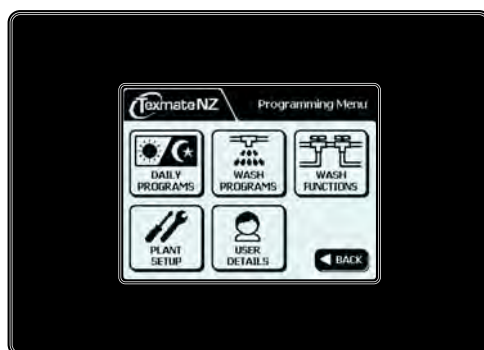

R/DI - 60
48 x 96 x 19mm (H x W x D)

R/DI - 602
48 x 96 x 19mm (H x W x D)

R/DISP1602
90 x 171 x 25mm (H x W x D)

R/TP5.7 (320 x 240px)
165 x 230 x 33mm (H x W x D)
Connects to ICC front-panel serial port

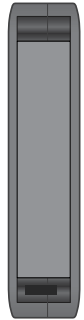| DISPLAYS (Display cable included)	
R/DI - 60	6 digit LED remote display (13mm, 14-segment), 5 buttons, 6 SP LED's
R/DI - 602	2 x 6 digit LED remote display (2 rows of 10mm, 14-segment), 5 buttons, 6 SP LED's
R/DISP1602	2 x 16 digit LCD remote display (2 rows of 10mm), 7 buttons, 4 SP LED's
R/TP5.7	5.7" touch panel remote display - customisable using standard HTML authoring tools

ANALOGUE INPUT

Your ICC - 402 programmable controller supports up to **THREE** analogue input modules, with a combined total of up to **12 CHANNELS**.

If you select multiple analogue input modules, the IE - 02 input expander (pictured right) will be supplied free with your controller.

This compact, modular unit mounts on the DIN rail beside the ICC - 402.

ANALOGUE OUTPUT

Your ICC - 402 series controller comes standard with an ICCS1 serial port (see table below), however you may upgrade, if needed. Select a maximum of **ONE** option only from each of the two sections in the table below.
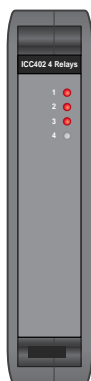
ANALOGUE OUTPUT (isolated)	
AIC100	1 x 4-20mA, 100Hz
AIV100	1 x 0-10V, 100Hz
AQI100	4 x 4-20mA, 100Hz
AQV100	4 x 0-10V, 100Hz

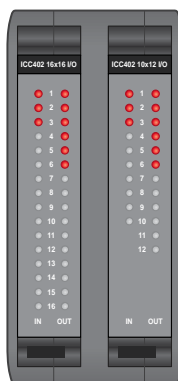|	SERIAL OUTPUT (+cable)			
1	**ICCS1**	1 x RS232/485 (combo RJ11) **- included by default if no serial upgrade is specified**		
	ICCS10	1 x RS485 (screw)		
2	**ICCS2**	1 x RS232 (RJ11)	1 x RS485 (screw)	
	ICCS4	1 x RS232 (RJ11)	1 x RS232/485 (combo RJ11)	
	ICCS6A	1 x Ethernet (ASCII)	1 x RS232/485 (combo RJ11)	
	ICCS6M	1 x Ethernet (Modbus)	1 x RS232/485 (combo RJ11)	
	ICCS8	2 x RS485 (screw)		
	ICCS9	1 x RS485 (RJ11)	1 x RS232/485 (combo RJ11)	
	ICCS11	1 x Ethernet (ASCII)	1 x RS232/485 (combo screw)	
3	**ICCS3**	2 x RS232 (RJ11)	1 x RS485 (screw)	
	ICCS5	2 x RS232 (RJ11)	1 x RS232/485 (combo RJ11)	
	ICCS7A	1 x Ethernet (ASCII)	1 x RS232/485 (combo RJ11)	1 x RS232 (RJ11)
	ICCS7M	1 x Ethernet (Modbus)	1 x RS232/485 (combo RJ11)	1 x RS232 (RJ11)
	ICCS12	2 x RS232 (screw)	1 x RS232/485 (combo screw)	
	ICCS13	1 x RS232 (screw)	1 x RS232/485 (combo screw)	1 x RS485 (screw)

DIGITAL I/O

Your ICC-402 controller comes standard with 3 function pins which can be configured as digital inputs if required. You may also select any **ONE** of the following digital I/O modules, which are designed to be mounted externally on the DIN rail beside the base unit. (Expansion can be used in combination with the standard digital inputs.)
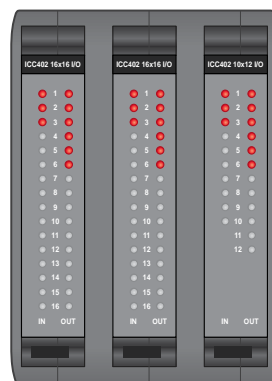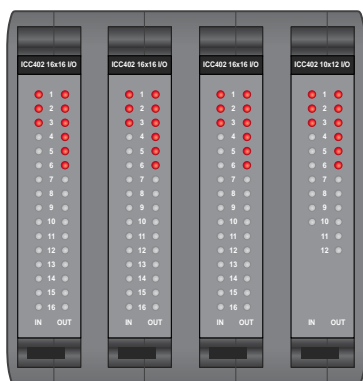
IO - 04

IO - 1012
IO - 1012L

IO - 2628

IO - 4244

IO - 5860

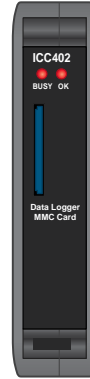| DIGITAL I/O MODULES		
IO - 04	0 x digital inputs	4 x digital outputs (2 x Form A, 2 x Form C)
IO - 1012	10 x digital inputs	12 x digital outputs (2 x Form A, 2 x Form C, 8 x O/C)
IO - 1012L	10 x digital inputs	12 x digital outputs (12 x O/C)
IO - 2628	26 x digital inputs	28 x digital outputs (2 x Form A, 2 x Form C, 24 x O/C)
IO - 4244	42 x digital inputs	44 x digital outputs (2 x Form A, 2 x Form C, 40 x O/C)
IO - 5860	58 x digital inputs	60 x digital outputs (2 x Form A, 2 x Form C, 56 x O/C)

MEMORY

Your ICC - 402 series base controller has a 256KB configuration storage capacity. Data-logging and real-time clock will be enabled when you opt for a memory upgrade. You may select a maximum of **ONE** memory upgrade option from the list below.

RTC - 3328

- 3,072KB internal memory upgrade (expands total memory to 3,328KB)

- Enables data-logging and real-time clock

SD - LOG

- 1GB external memory module (expands total memory to 1GB)

- Uses a removable, PC-compatible SD card

- Enables data-logging and real-time clock

MEMORY	
RTC - 3328	3,072KB internal memory upgrade + data-logging and real-time clock Expands **TOTAL** memory to 3,328KB
SD - LOG	1GB external memory module + data-logging and real-time clock Expands **TOTAL** memory to 1GB