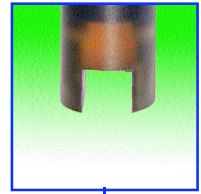




## Model C3645 Conductivity Controller



- \* Displays  $\mu\text{S}$  or  $\text{mS}$ .
- \* 240 / 110 Volt Supply
- \* 4 - 20 mA Current Output.
- \* High / Low Set point
- \* Delay timer 0 - 40 secs
- \* Auto Temp Compensation
- \* Digital Display
- \* DIN Rail Mounting.
- \* Optional IP55 Housing

The model C3645 Conductivity indicator controller has been designed for DIN rail mounting, either on the back plate of a control panel or in an optional surface mounting weatherproof enclosure.

The surface mounting weatherproof enclosure is rated to IP55 for all year round outside use and is fitted with an external makalon door. Providing access to the calibration and set point controls for easy on site adjustment.

The model C3645 is fitted with one control relay and an adjustable time delay of up to 40 seconds before the relay operates.

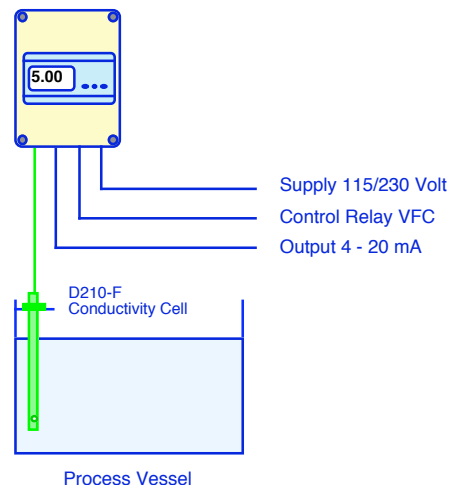
Fitted with automatic temperature compensation over the range of 0 - 100o C via a 10K $\Omega$  NTC sensor. Industry standard 4 - 20 mA current output to operate remote indicators, controllers and chart recorders.

The 3000 series of instruments provide a cost effective method of control for many industrial processes which include, power generation, water treatment plant, boiler and cooling waters, and solution strength control.



### Typical Installation

C3645  $\mu\text{S}$  Controller

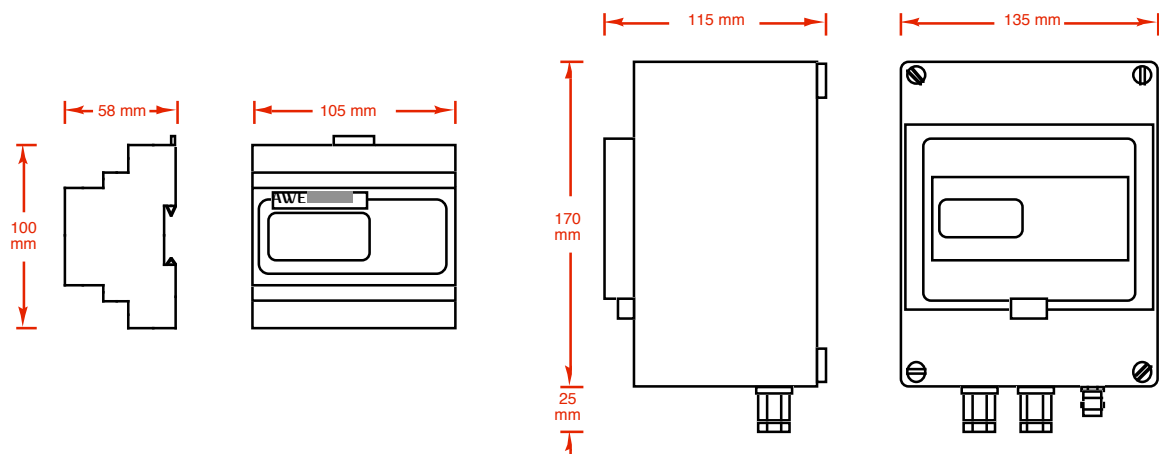


## Specifications

Input	Any AWE. conductivity cell K = 0.01, 0.1, 1.0 or 10
Range	With K =1.0 cell 0 - 2000 $\mu$ S and 0 - 200 $\mu$ S to 0 - 20 mS
Display	3 1/2 L.C.D. units.
Display size	12.5 mm.
Output	4 - 20 ma into 500 $\Omega$
Set points	on/off over 100% of range 2 amp non inductive.
Time delay	0 - 40 seconds adjustable.
Temp comp.	Automatic via 10K $\Omega$ NTC. sensor.
Temp coefficient	Fixed at 2%/ $^{\circ}$ C
Zero	$\pm$ 15%
Slope	$\pm$ 20%
Mains supply	230/115 volt 50/ 60 Hz.
Weight	265 grams DIN rail version.

## C3645

## Dimensions



# AWE

## Automated Water & Effluent Ltd

AWE House Antom Court, Tollgate Drive, Beaconside, Stafford, ST16 3AF UK.

Tel: 01785 254597 Fax: 01785 257724

[www.awe-ltd.co.uk](http://www.awe-ltd.co.uk) email [sales@awe-ltd.co.uk](mailto:sales@awe-ltd.co.uk)