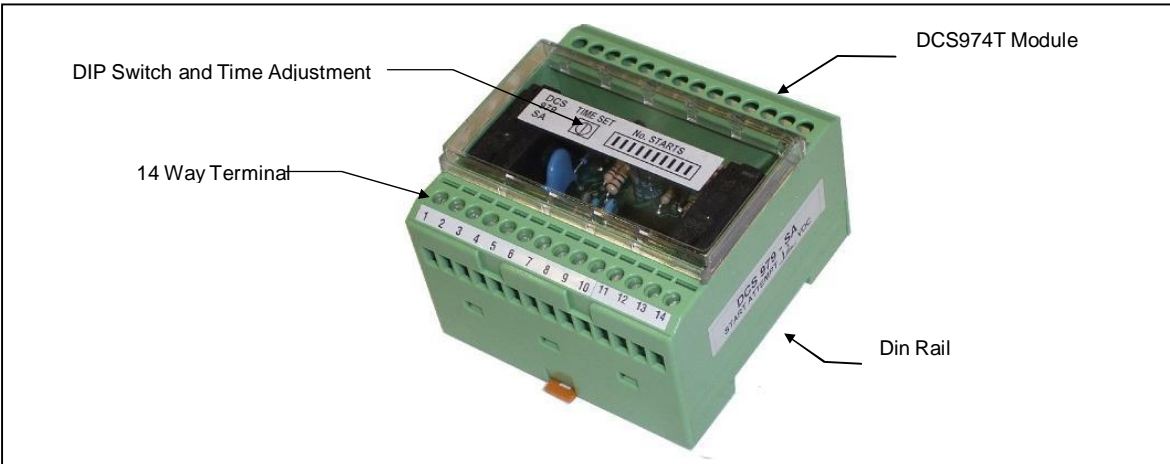


## DCS 979SA START ATTEMPT MODULE



### DESCRIPTION

The DCS 979-SA Start Attempt Modules are designed for automatic engine start control. It provides 1 to 9 attempts before the Fail to Start relay contacts operate. For ease of adjustment the On and Off periods are of the same length and can be adjusted from 0-30 sec. The required number of starts is set by the selector switch. The selector switch has 10 positions: 1 to 9 selects the required starting attempts; number 10 position will give continuous starting – stopping cycles. (e.g. fine pump control)

The unit is enclosed in a robust din rail mount plastic housing with indication for supply On and relay Operation LEDs. Setting and programming is accessible by unclipping the clear front cover. The printed circuit board and components are tropic proofed.

### OPERATION

On application of continuous supply voltage the start relay Yellow LED illuminates and the contacts of start relay change over, commencing the programmed cycling sequence. When the unit has reached its programmed number of attempts, the Fail relay LED will illuminate and its contacts change over. The start relay and its LED will be locked out. The unit will remain in this state until reset by removal of the supply voltage.

### SPECIFICATIONS

DC Supply:	12v (8.5-17v) 24v (16-33v)
Operating Current:	15mA Quiescent
Case Material:	Thermoplastic
Probe:	-10 to +60° Celsius
Time Range:	0-30 sec
Dimensions:	53h x 75w x 75d
Protection against polarization errors	

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