



DTM



DSOL



DGSM



DSI

The Electro "D" range of control and timing devices are compact modular units for easy introduction into standard panels and/or distribution boards. They mount directly onto DIN rail and align with standard miniature circuit breakers (MCB's).

- Compact DIN rail mounting: (H) 92 x (W) 36 x (D) 64 mm (2 modules wide)

type	range	function	contact
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Tachometer

On the unit over or under speed detection can be selected. While the speed remains below the set speed (*over speed*) or above (*under speed*) the relay will remain energised.

- 1-100, 10-100, 100-1000, 1000-10000 RPM

DTM*	1 - 1000 RPM	over/under speed	10A SPDT
DTM4	1 - 1000 RPM	over/under speed	4 - 20mA

Temperature controller

The unit interfaces with the TP1 probe. The unit can be set for over or under temperature where the relay de-energises when the temperature rises above (*over temp.*) or fall below (*under temperature*) the set limit.

	-20 - +80°C		
	+10 - +50°C		
DTC*	-10 - +10°C	over / under temperature	10A SPDT
	0 - +80°C		
TP1	-50 -120°C	temperature probe	-

Power supply

Provides a regulated DC output from an AC input source (24VA)

- Output : 12/24 VDC

DPSU	2A/1A	power supply	-
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Solar battery charger

MPPT solar battery charger for lead acid batteries (5A)

- Output : 12/24 VDC

DSOL	40V	solar battery charger	6A SPDT
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Econo GSM controller

Econo GSM controller with versatile functionality and ease of use with both inputs and outputs. SMS's are sent to the unit to control outputs and SMS are sent to the destination number for any change in inputs.

- 4 numbers for SMSes can be programmed • On, Off and pulse relay function

DGSM	12/24 VDC	GSM controller with no relays	6A SPDT
DGSM4	12/24 VDC	GSM controller with 4 relays	6A SPDT
ANT1		antenna for DGSM modules	

Liquid level controllers (H) 92 x (W) DLL/DLL4 36/54 x (D) 64 mm

Controlling of liquid conductive levels with two/ four probes.

DLL*	2 probes + comm	emptying/ filling	10A SPDT
		emptying/filling with alarm	
DLL4*	4 probes + comm	emptying/filling with pump priority	10A SPDT
		container filling/well draining with alarm	
		electrode test	

Signal converters / isolator (12/24/48 AC/DC on special request)

The converters are a signal isolator designed to eliminate potential ground loop problems prevalent in 4-20mA control loops.

type	input signal (▲)	output signal (◆)	description	
DCC▲◆*	0-5A 0-15A	1 2	4-20mA 8	current converter
DVC▲◆*	4-40V 40-400V	3 4	1-5 VDC 0-20mA 9 10	non isolated voltage converter
DSI▲◆*	4-20mA 0-20mA 0-10VDC	5 6 7	0-10VDC 11	isolated optical converter

Note: Select input (▲) /output signal (◆), along with supply (*) when ordering a signal converter/isola

* Voltage: 12 VAC, 24 VAC, 48 VAC, 110 VAC, 230 VAC, 400 VAC, 525 VAC
12 VDC, 24 VDC, 48 VDC (other voltages available on request)