



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 | supply voltage* | output | function | description |
|------|-----------------|--------|----------|-------------|
|------|-----------------|--------|----------|-------------|

Economic GSM controller

Economic 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 is sent to the destination number for any change in inputs.

- 4 numbers for SMS's can be programmed
- ON, OFF and pulse relay function

| | | | | |
|-------------------|-----------|---|---------|------------------------------|
| DGSM0024MV | 10-30 VDC | – | GSM | GSM controller with 0 relays |
| DGSM4012D | 12 VDC | – | GSM | GSM controller with 4 relays |
| DGSM4024D | 24 VDC | – | GSM | GSM controller with 4 relays |
| ANT1 | – | – | antenna | 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.

- Function: Emptying/ Filling

| | | | | |
|-----------------|-----------|---------------|--------------------|--------------------------|
| DLL230A | 230 VAC | 2 probes+comm | emptying / filling | liquid level controllers |
| DLL400A | 400 VAC | 2 probes+comm | emptying / filling | liquid level controllers |
| DLL024AD | 24 VAC/DC | 2 probes+comm | emptying / filling | liquid level controllers |

- **Function:** Emptying/filling with alarm, emptying/filling with pump priority, container filling/well draining with alarm, electrode test

| | | | | |
|------------------|-----------|---------------|--------------------|--------------------------|
| DLL4230A | 230 VAC | 4 probes+comm | emptying / filling | liquid level controllers |
| DLL4400A | 400 VAC | 4 probes+comm | emptying / filling | liquid level controllers |
| DLL4024AD | 24 VAC/DC | 4 probes+comm | emptying / filling | liquid level controllers |

Radio (wireless) level controller

- DIN radio receiver
- 5km transmission (line of sight)
- Coin Battery CR3202 for level transmitters (3 years life span)
- Two configurable (radio connected) relay outputs
- Supply voltage 12 or 24V AC/DC

| type | inputs | outputs | function | description |
|-------------|------------------|---------|-------------|-----------------------|
| DWLT | 3 probe | – | transmitter | level transmitter |
| DWLR | level controller | 2 | receiver | level receiver |
| ANT2 | – | – | antenna | per each DWL.. module |

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 | supply voltage* | input range | output range | description |
|-------------------|-----------------|--------------|---------------|--------------------------|
| DCC111230A | 230 VAC | 1 0 - 5A | 11 0 - 10 VDC | current analog converter |
| DCC108230A | 230 VAC | 1 0 - 5A | 8 4 - 20mA | current analog converter |
| DCC108024D | 24 VDC | 1 0 - 5A | 8 4 - 20mA | current analog converter |
| DSI511230A | 230 VAC | 5 4 - 20mA | 11 0 - 10 VDC | optical signal converter |
| DSI508230A | 230 VAC | 5 4 - 20mA | 8 4 - 20mA | optical signal converter |
| DSI708230A | 230 VAC | 7 0 - 10 VDC | 8 4 - 20mA | optical signal converter |
| DSI508024D | 24 VDC | 5 4 - 20mA | 8 4 - 20mA | optical signal converter |

- **Note:** Alternative DCC/DSI input/output combinations available on request only.
- * Other voltage options available on request.

