# DCRE485
## DATA MULTIPLEXER

REVISION 0945

**MAIN FEATURES**

**1 input - 8 data outputs**
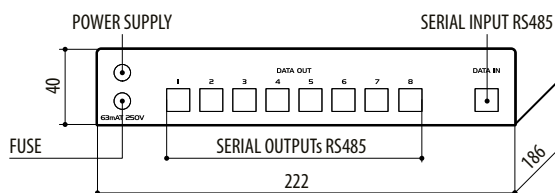
**RS485 communication**

**DESCRIPTION**

DCRE485 is a serial data distributor used to increase the lines of DTRX3, DTRXDC, DTMRX2, and MICRODEC receivers. The appliance gives serial data back on 8 outputs at the same time, allowing star configurations.

The receiving mode of the input is RS485; the transmission in RS485, takes place at the same time on all 8 outputs.

DCRE485

POWER SUPPLY

SERIAL INPUT RS485

FUSE

SERIAL OUTPUTs RS485

DCRE485

mm 1:4

# DCRE485

## TECHNICAL DATA

### GENERAL

1 serial input in RS485 mode

8 RS485 serial outputs the data sending back from the input

Ability to cascade connection to other units DCRE485

Supplied with instruction manual, 8 RJ11 telephone cables 6/6 straight through-length about 150cm (59in), 8 RJ11 connections boxes

### MECHANICAL

Steel enclosure

Epoxypolyester powder painting, grey colour

Dimensions: 222x185x40mm (7.7x7.3x1.6in)

### ELECTRICAL

Power supply: 230Vac, 50/60Hz

Power consumption: 10W

Protection fuse: 63 mA T 230V

### COMMUNICATIONS

Telemetry transmission on serial output RS485 for a max distance of 1200m (3397ft)

### ENVIRONMENT

Indoor

Operating temperature: 0°C / +45°C (+32°F / +113°F)
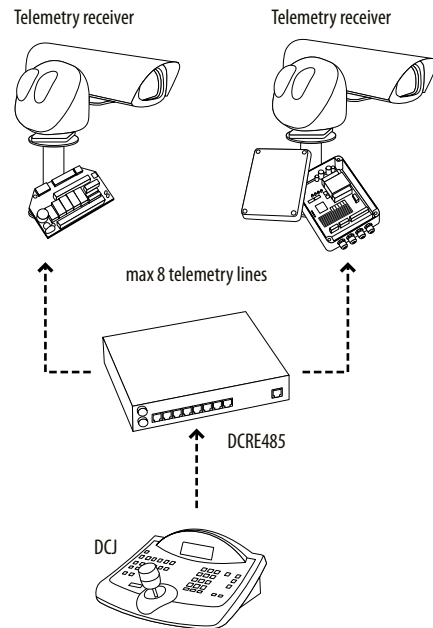
## CERTIFICATIONS

CE EN61000-6-3, EN60065, EN50130-4

## RELATED PRODUCTS

| Serial input | |
|---|---|
| DCTEL | Keyboard to control matrix and telemetry |
| DCIR | Infrared Remote Control |
| DCJ | Keyboard to control matrix, multiplexers and telemetry equipped with three axis joystick |
| DCT | Touch screen keyboard to control matrix, multiplexers, DVRs and telemetry equipped with three axis joystick |
| Control on serial output RS485 | |
| MICRODEC485 | Mini telemetry receiver 8 functions, 24Vac |
| DTMRX224 | Telemetry receiver 12 functions, 24Vac |
| DTMRX2 | Telemetry receiver 12 functions, 230Vac |
| DTRX324 | Telemetry receiver 17 functions, 24Vac |
| DTRX3 | Telemetry receiver 17 functions, 230Vac |
| DTRXDC | Telemetry receiver 13 functions, for PTH355P |
| ULISSE | Positioning Unit |



Telemetry receiver    Telemetry receiver

max 8 telemetry lines

DCRE485

DCJ

---➔ Twisted pair RS485 (max distance 1200m / 3937ft) telemetry only

| PACKAGE | | | | | | | |
|---|---|---|---|---|---|---|---|
| Code | Unit weight | | Package weight | | Package dimensions (WxHxL) | | Master carton |
| | kg | lb | kg | lb | cm | in | unit |
| DCRE485 | 2.4 | 5.3 | 2.8 | 6.2 | 7.0x27.5x33.0 | 2.7x10.8x13.0 | - |