

## Data sheet

### SP-DSCCP-17149

Accessory product

Your partner in automation

## 32 channel differential single conductor connection panel



### Features

- Accessory product for our VME, CompactPCI and CAMAC transient recorders:
  - VD80, isolated 16 channel transient recorder for VME
  - TR10, isolated 16 channel transient recorder for CompactPCI
  - TR12, isolated 16 channel transient recorder for CompactPCI
  - TR14, isolated 16 channel transient recorder for CompactPCI
  - TRCF, 16 channel transient recorder for CAMAC
- Connects directly to transient recorders front panel connector
- Individual connector for each analog input channel
- 32 single ended LEMO 00 connectors
- Connects to two transient recorders
- Comes with 1.5 m ribbon cables with twisted wires and mating connector for above mentioned transient recorders
- 19" standard format, 1U high

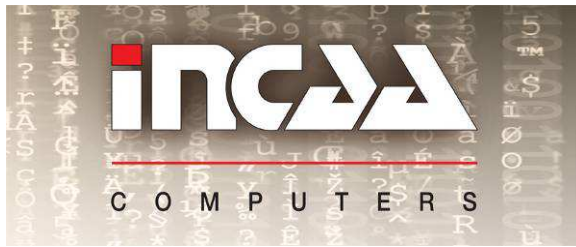
### Description

The DSCCP is a 19" sized connection panel with 32 individual connectors. The rear side of the module has two ribbon cable connectors that each can directly connect to the above mentioned transient recorders with the supplied 1.5 m twisted pair ribbon cables with mating 37 pin D-connector. In that way channels can be connected or disconnected one by one. Isolation from chassis ground is kept intact.

Isolated signal ground is available through a 4mm banana jack at the rear side of the module.

The high quality connectors, type LEMO EPL.00.250.NTN, ensure secure and reliable connections. The use of twisted pair ribbon cable cancels out electromagnetic interference (EMI) from external sources; for instance, electromagnetic radiation, and crosstalk between neighboring pairs.

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## Technical Specifications

### CONNECTORS

- Number : 32
- Type : LEMO EPL.00.250.NTN
- Endurance : >1000 cycles, MIL-STD-1344A

### PIN OUT

- LEMO connector contact
- LEMO connector Shield
  
- Banana jack (rear side)

Flat cable on P1	Flat cable on P2
Signal +	Signal -
Signal -	Signal +

: Isolated signal ground

### CABLE

- Type : 2 ribbon cables with twisted pair wires
- Length : 1.5 m, other lengths on request
- Cable connector : 37 pole D-connectors, male

### MECHANICAL

- Height : 1U
- Width : 19" standard format

### WARRANTY

: 1 year

### ORDERING INFORMATION

- SP-DSCCP-17149 : 29-17149-7

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