

Data sheet

SP-DIFCP-17038

Accessory product

Your partner in automation

32 differential channel 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 differential 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

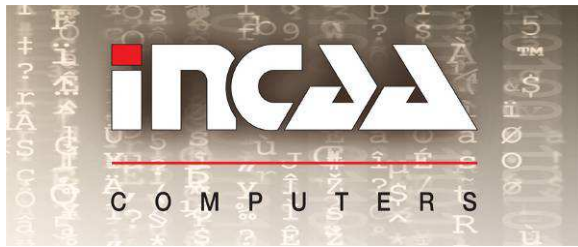
* Other cables on request

Description

The DIFCP 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.

The high quality connectors, type LEMO EPG.00.302.NLN., 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 EPG.00.302.NLN
- Endurance : >5000 mating cycles

PIN OUT

- Lemo contact pin 2
- Lemo contact pin 1
- Shield

Flat cable on P1	Flat cable on P2
Signal +	Signal -
Signal -	Signal +
: Isolated ground	

CABLE

- Type : Ribbon cable with twisted pair wires
- Length : 1.5 m, other lengths on request
- Cable connector : 37 pole D-connector, male

MECHANICAL

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

WARRANTY

: 1 year

ORDERING INFORMATION

- SP-DIFCP-17038 : 29-17038-0

Note: Single ended version is also available, SP-SELCP-16189

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