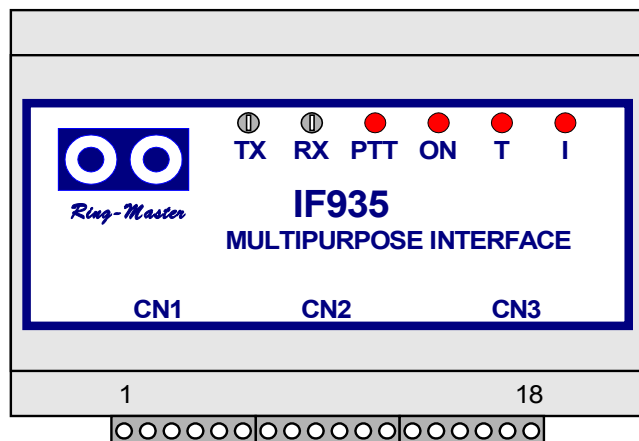


IF935 MULTI PURPOSE INTERFACE



The IF935 Interface is used with CB901, CB901EX, RM5000 and RM5000EX central exchanges. The Interface provides 4 wire audio and control contact closures to external equipment. The audio is transformer coupled. Contact closures in the IF935 are galvanic isolated. Each IF935 require one subscriber position in the central exchange.

Radio base station interface:

Simplex radio (Push to talk) can be controlled via contact closure from the IF935.
Duplex radio can be connected using 4 wire audio.

Paging interface to external amplifier:

Audio out and contact closure to activate external amplifier.
One IF935 is used for each paging Zone.

Alarm input interface :

Input contact and audio source can access group-call, all-call or an intercom station.
When contact closure is removed the call is canceled.

TECHNICAL DATA

IF935

Operating Voltage:

20-27 V DC

Power Consumption:

150 mA max.

Dimensions (WDH):

4" x 3.4" x 2.5"

Weight:

0.2 Kg (0.45 lb)

Mounting:

Din-Rail (Included)

Central Exchange Connections:

2 twisted pair (UTP).

Interface Connections:

From Interface:

1 pair Transmit Audio 600 ohm 100mV RMS (TX)

1 pair ON contact closure (ON)

1 pair PushToTalk contact closure (PTT)

To Interface:

1 pair Receive Audio 600 ohm 100mV RMS (RX)

1 pair PushToTalk contact closure (T)

1 pair Activate contact closure (I)

LED Indicators:

PTT, ON, T, I

Adjustments:

Transmit level (TX)

Receive sensitivity (RX)



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