

1. GENERAL

This power supply unit is used specially for nest of D Series signal conditioners. The units are of dual power supplies and of 24V DC output for 85~132V AC input. When one of two units becomes defective, another unit assists the defective unit. At the same time, failure detecting alarm contact can be output. Replacement of power supply unit can easily be made during power on because of its complete duplication.

2. INSTALLING METHOD

This power supply unit can be mounted in 19 inch nest of JIS, EIA specifications.

- (1) When installing it on 19 inch D Series nest, it shall be installed closely at upper side of the nest.
- (2) Considering of wiring space and heat radiation, secure enough space at top and bottom.

3. ALARM OUTPUT TERMINAL

This terminal opens contact when dual power units become defective or AC power is off. [Terminal #③ (+), Terminal #④(-)] Abnormal condition can be alarmed by connecting with buzzer and lamp. Contact point of output relay is shown as below and buffer relay should be arranged in case excess of this value.

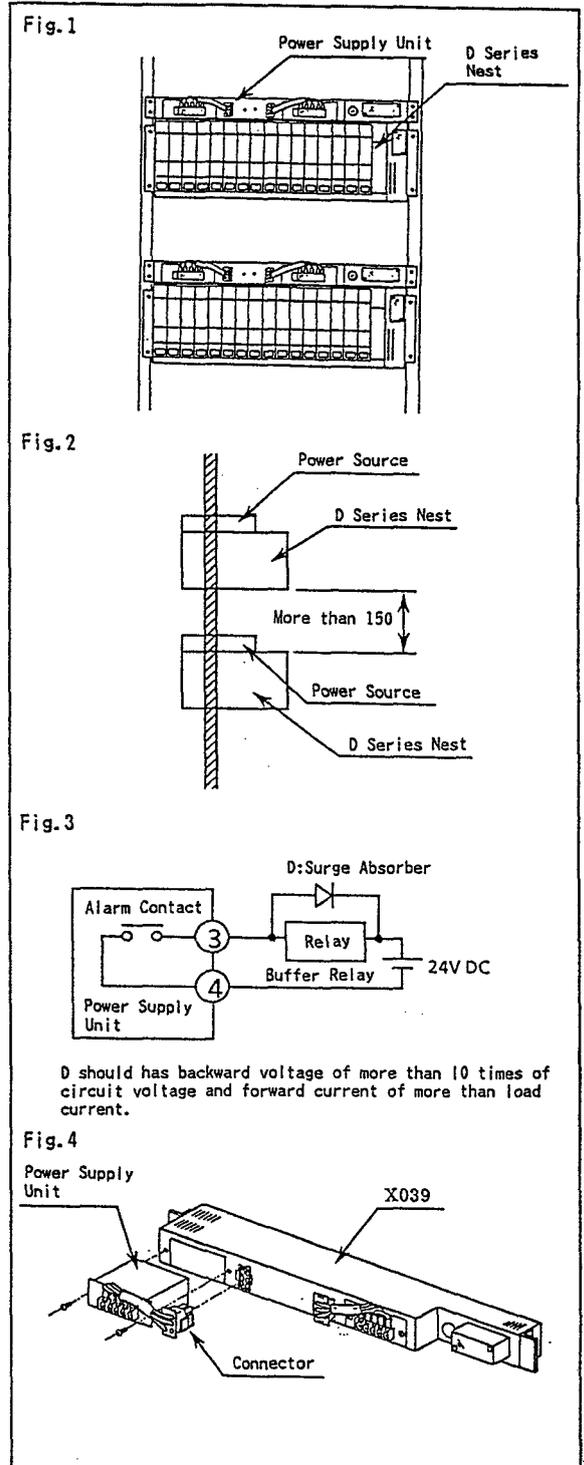
Relay contact point rating :
30V DC Max 0.3A (4VA Max)

Warning when use of alarm output relay (alarm contact)

- Avoid to apply AC voltage directly to alarm output terminal. Apply only DC voltage.
- In case buffer relay is externally arranged, set diode as surge absorber to protect relay contact. (See Fig.3)

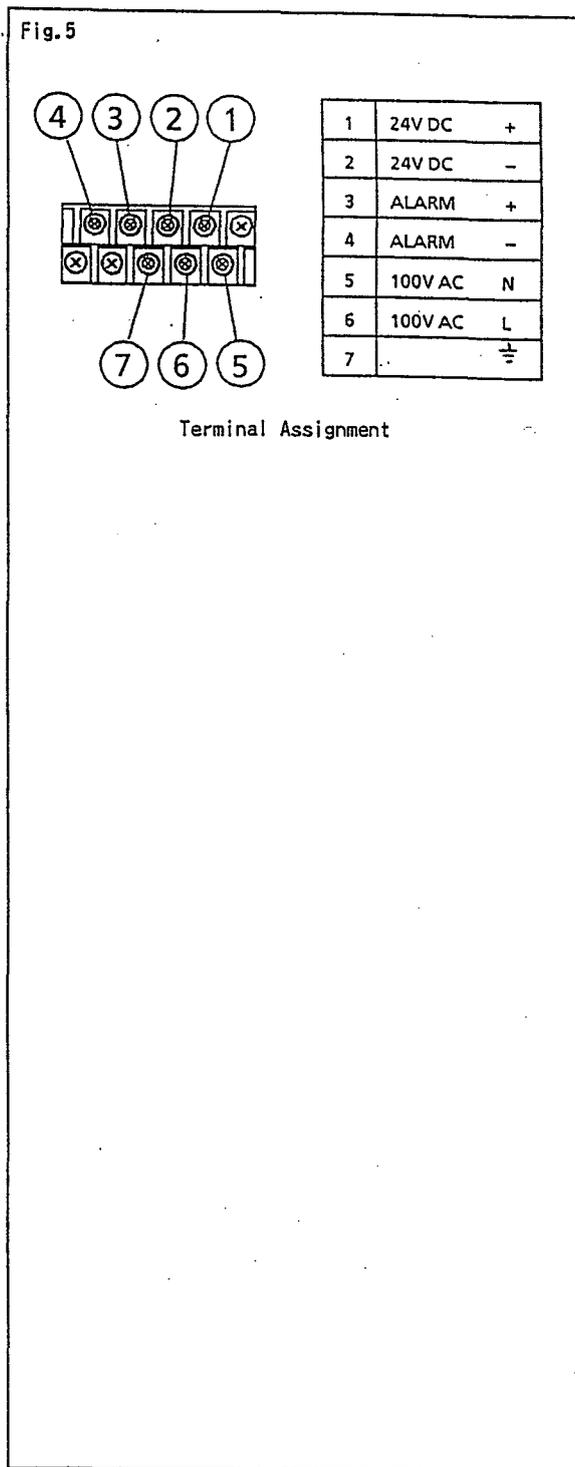
4. REPLACEMENT METHOD OF POWER SUPPLY ASSEMBLY

In case failure of power supply assembly, pull out connector assembly attached to it and draw out power supply assembly by removing two mounting screws. (See Fig.4)



5. WIRING ARRANGEMENT

- (1) Connect wiring of AC power source to power supply unit terminals, #⑤(N), #⑥(L) and #⑦ $\bar{=}$.
- (2) 24V DC output terminals are #①(+), #②(-). Connect them to power terminals, #①(+), #②(-) of D Series nest.



Subject to change without notice for grade up quality and performance.