



S.G. INTERNATIONAL GROUP H.K. LIMITED

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➤ Protocol Converter



SG CONO3 E1-V.35 Protocol Converter

SG CONO3 E1-V.35 Protocol Converter can realize the bi-directional data transmission between E1 and V.35. This equipment is widely used in connection between WAN and LAN, image monitoring and realize the conversion between V.35 interfaces.

Product Feature

- Adopts large-scale integrate chip, brief circuit, low power consumption and high reliability structure
- Offers one channel E1 port and Automatically adapt to 75ohm & 120ohm Impedance
- V.35 port rate is $n \times 64\text{Kbit/s}$ ($n=1 \sim 32$) or 2048Kbit/S
- Work schedule can be set optionally
- Master clock, incept resume clock optional
- Supports DTE or DCE working manner
- Provides powerful network management functions
- Possess complete alarm and status indication function
- Adopts manifold power supply: -48V DC or 220V AC

Technologies reference

- Interface type: E1、V.35 date port
- E1 rate: 2048Kbit/s $\pm 50\text{ppm}$
- V.35 rate: 2048Kbit/s (SG CONO3A type)
NX64Kbit/s (SG CONO3B type)
- E1 impedance: 75ohm (unbalance)/120ohm (balance)
- Clock type: master clock, slave clock or outside clock optional
- Working manner: DTE or DCE optional
- Power

Voltage: 180V~240V AC, -36V~-72V DC

Power consumption: <5W

● Working environment:

Operating temperature: 0°C~50°C

Storage temperature: -40°C~70°C

Environment humidity: 5~90% (non-condensing)

Atmospheric pressure: 86~106KPA

- Dimension: 200mm \times 140mm \times 35mm

- Indicator:

PWR: Power Indicator

LOS: E1 Signal Indicator

RMA: Opposite End Alarm Indicator

TD: V.35 Send Date Indicator

RD: V.35 Receive Date Indicator

DCE: DEC Working Manner Indicator

TS16: Time Slot Indicator



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SG Protocol Converter	
CON 02T	10/100Base-T to E1 (Unframe) Ethernet Bridge
CON 02B	10Base-2 to E1 (Unframe) Ethernet Bridge
CON 02C	10/100Base-T to E1 (Frame) Ethernet Bridge
CON 03A	E1 to V.35 Protocol converter(Unfram)
CON 03B	E1 to V.35 Protocol converter(frame, N*64K)
CON 04A	10/100Base-T to V.35 Protocol converter (frame)
CON 05A	4E1 to 10 /100Base-T Ethernet Bridge, Rack type
CON 06A	Frame FE1 Fiber modem
CON 06B	Frame V.35 Fiber modem
CON 06C	Frame10/100M Ethernet Fiber modem
CON 06D	V.35, FE1,10/100Base-T, optical port,frame, full-function protocol converter with optical modem