



RUS-32 serials DC power supply switching relay

Description

- Using two sets of DC power supply, when a group of DC power supply disappears, it can switch to the second set of DC power supply automatically, to ensure the stable operation of system.
- Application: Applied in power system and industrial control system, and in the occasion that power supply switching automatically, such as the control unit, high voltage levels of protection device.
- Automatic switch with load or without load

VERSION : V1.1(20151013)。

Technical Data

Nominal input voltage Un: 220VDC/110VDC

Contact current-carrying capacity : 8A(32C) 16A (32A/B/D/E/F)

Switching power: $\leq 500W$

Switching time: Seamless switching

RUS-32A/B/C: DIN35 track installation,
EMG22; Automatic switch

RUS-32D: Cabinet hole installation, EMG/GCP;
Manual switch

Connection method : Screw connection

GRUS-32E/F: Cabinet hole installation,
EMG/GCP; Automatic switch

Temperature Range:

Operating: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$

Storage: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Selection and ordering data

Typical models (G)RUS -32D /DC220V

Relay type

(G) RUS=Power supply switching relay

Function

32A=Automatic switch

32B=Automatic switch with alarm contact

32C=Automatic switch with alarm contact and
without load

32D=Manual switch

32E=Automatic switch

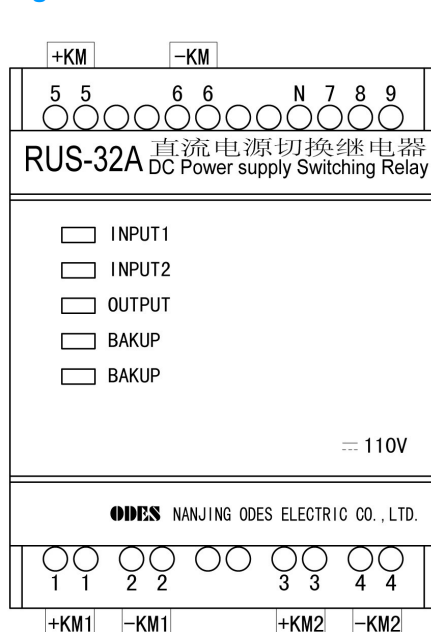
32F=Primary loop inputs 220VAC, spare
loop inputs 220VDC

Nominal input voltage Un

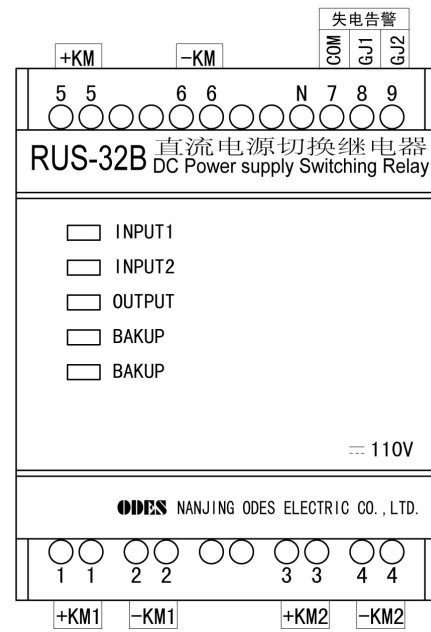
DC110V=110VDC DC220V=220VDC

220V=It outputs 220VAC when primary loop inputs, it
outputs 220VDC when spare loop inputs(32F)

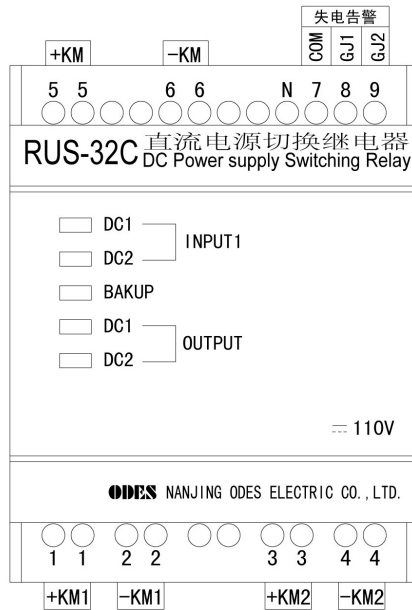
Circuit diagram



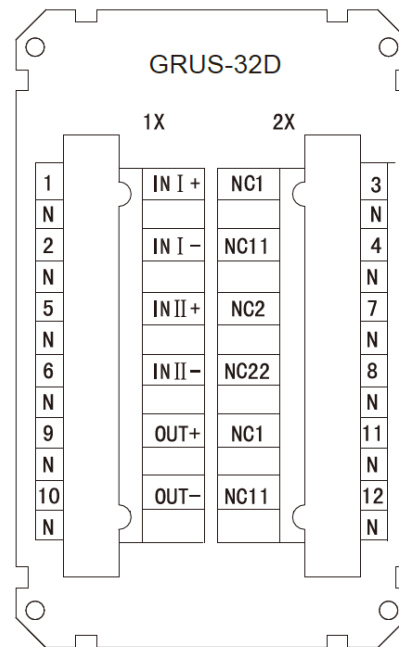
RUS-32A



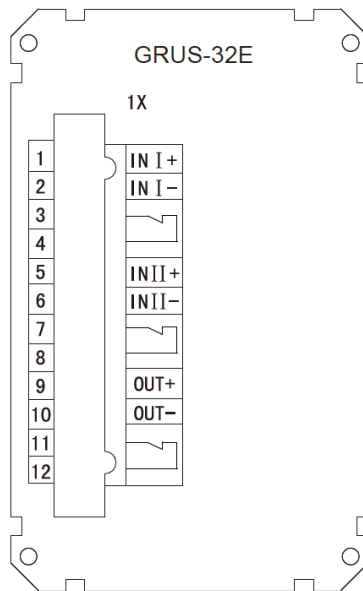
RUS-32B



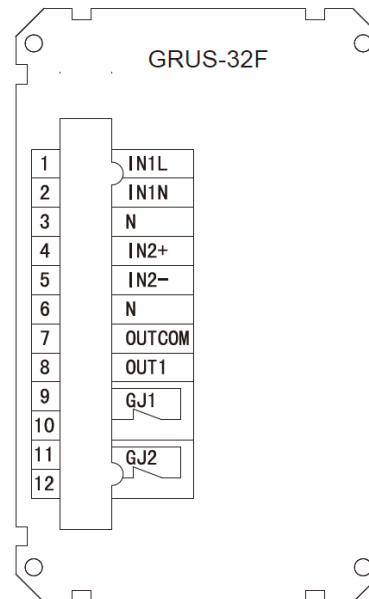
RUS-32C



RUS-32D

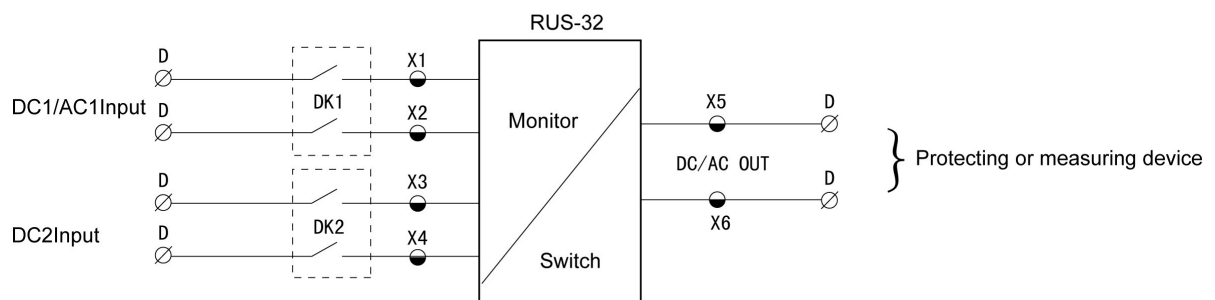


GRUS-32E

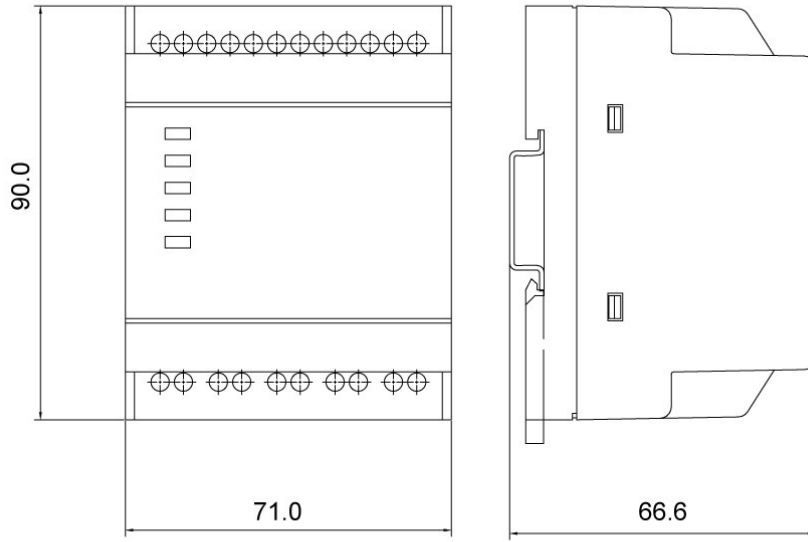


GRUS-32F

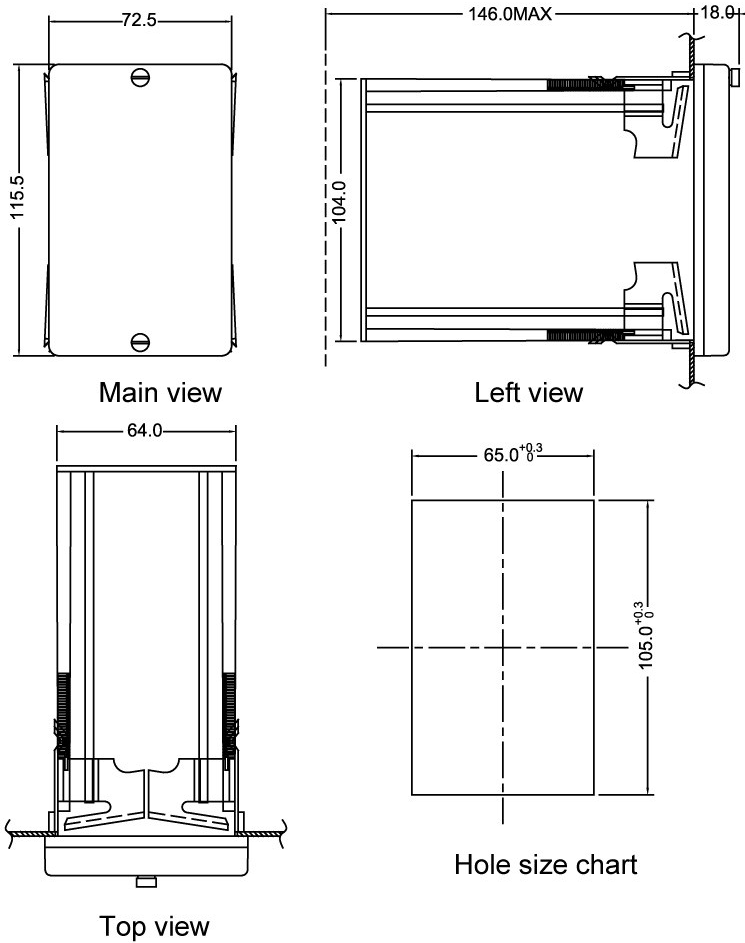
Typical Hookup



Dimensioned drawing (mm)



EMG22



EMG/GCP