Acrel

ARTU-K32 Remote Terminal Unit

Technical Parameter

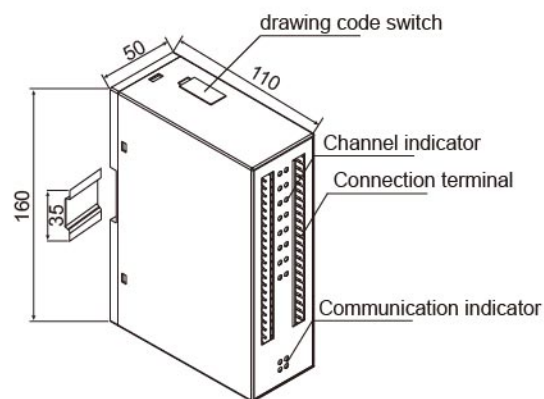| Technical parameter	Specifications
Input circuit	32
Input	Active contact(DC12V) or passive contact
Communication	RS485(Modbus RTU)
Bus capacity	≤32
Resolution(SOE)	Distinguishing capability for bit changing in succession of multiple contacts. When the bit changing interval of any two contacts is more than 1ms, the distinguishing capability(less than 2ms) of the unit is reflected in SOE.
Scan time	1ms
Filter time	1ms
SOE capacity	1600sets

General

ARTU Series remote communication unit is designed for intelligent distribution and industrial automation and other fields, it is used to collect switch signal and transforms the signal to a digital signal.The date exchange with master computer monitor can be realized through communication.
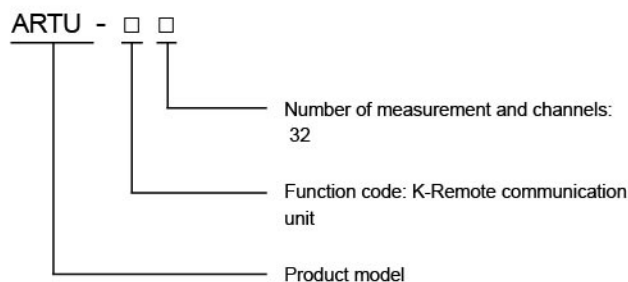
Wiring and Installing

■ **Installation and overall dimensions**
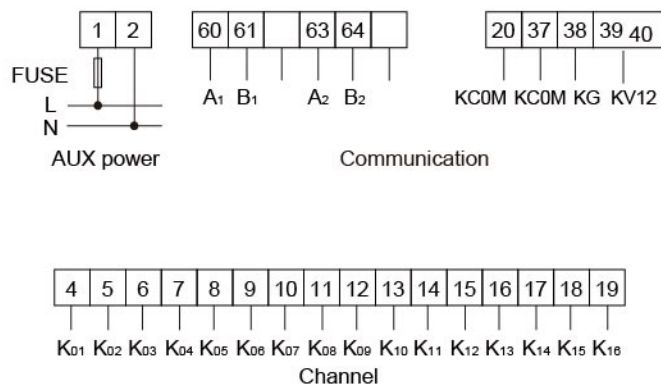
Outline dimension (L*W*H):160×50×110

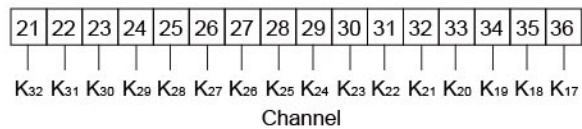Installation: standard TS35 DIN-Rail Mounting

Type Description

Number of measurement and channels: 32

Function code: K-Remote communication unit

Product model

Functions

Technical parameter	Function description
Auxiliary power supply	24VDC（±10%）220VAC, allow AC85～275V/DC100～350V
Power consumption	≤5W
Frequency	≤500HZ
Relative humidity	≤95%(No condensation)
Operating temperature	-5℃-+55℃
Storage temperature	-25℃-+70℃
Altitude	≤2500m

■ **Connection way of remote communication**

Installation and operation instruction

21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
K_{32}	K_{31}	K_{30}	K_{29}	K_{28}	K_{27}	K_{26}	K_{25}	K_{24}	K_{23}	K_{22}	K_{21}	K_{20}	K_{19}	K_{18}	K_{17}

Channel

Note: Active wet contact:K_i(i=1~32) and common port KCOM are all channel access ports while KV12 and KG are suspended.

Passive dry contact:K_i(i=1~32) and common port KV12 are all Channel access ports while KCOM is short circuit with KG.