Smart Communication Box

KM-ACU



Smart and Flexible

- Integrates fiber optic ring network switches, data loggers, and other devices to enable flexible networking
- Supports multiple communication interfaces including RS485, Ethernet, and PLC

Safe

- Features integrated PID suppression function to effectively mitigate module PID effects.
- Built-in AC surge protection and communication lightning protection modules enhance device reliability.
- Supports double-split transformer, with optional dual PID and dual PLC modules

Technical Specification

Items	KM-ACU
Configuration	
Data logger	Yes
RS485	Yes
PLC module	Yes
Fiber channel switch	2 optical ports, 6 electrical ports
Fiber optic terminal box	2-input & 12-output
Communication distance	1000m
Anti-PID	Yes
Power Supply	
AC input	160 ~ 240Vac, 50 Hz / 60 Hz
Self-consumption	<15W
Ambient Conditions	
Operating temperature range	-30~60°C
Storage temperature	-40~70°C
Relative humidity	0%~100% (non-condensing)
Max. operating altitude	4000m
Protection class	IP66
Mechanical Parameters	
Cable entries	Bottom in&outlet
Dimensions (W*H*D)	988*280*685mm
Weight	≤35kg
Installation options	Wall-mounted, rack-mounted

- Weight excluding accessories and terminal connectors.