SCU100S-00-EU

Smart Communication Unit



Chint Power SCU (smart communication unit) integrated multi-functional smart data logger and suitable for C&I and utility systems at different voltage levels. With the function of physical channel conversion, communication protocol conversion, it can meet the requirements of serial inverters, transformer, meter and EMI management, also supports SCADA data communication. SCU can also compatible with normal&double split transformer application through two HPLC connectors, each RS485 and HPLC channel can connect up to 32 inverters.

Features

- Compatible with normal&double split transformer application
- Comply with all Chint Power inverters
- Pre-configured for Plug & Play
- Capability with Chint Power O&M platform
- Hardware mounted and pre-wired
- IP66 rated enclosure
- C5-M Anti-corrosion
- Support local real-time monitoring

Technical Data

Model	SCU100S-00-EU
Environment Data	
Operating Temperature	-30℃ ~ +60℃
Ambient Humidity	5%~95%,Non-condensing
Storage Temperature	-40℃ ~ +70℃
Altitude	≤ 4000m
Ingress Protection	IP66
Corrosion Protection	C5-M
Product Parameters	
Product Description	Including: 1*Data logger, 1*24VDC Power Module, 1*Air Switch, 2*FUSE, 2*Surge Protection Support: Ethernet
Electric Parameters	
AC Input	100~240Vac, 50/60Hz
AC-PLC Voltage	2*380V~800Vac, Three-phase
Communication Interface	
RS485	5* 4800~115200bps
ETH	5*100M/1000Mbps
Optical Ethernet	SFP*2 100M/1000Mbps
Digital / Analog Input / Output	DI*8, DO*2, AI*4
PT100	2
HPLC	HPLC*2
Communication Protocol	
Ethernet	Modbus-TCP, IEC 60870-5-104, IEC 61850-GOOSE
RS485	Modbus-RTU, IEC 60870-5-103 (standard), DL / T645
Mechanical Parameters	
Dimensions (W*H*D)	670mm*750mm*290mm
Weight	30Kg
Installation mode	Installed on a wall, support, or pole