

Chint Power Smart COMBOX



Chint Power communication box integrated multi-functional data collector and suitable for C&I and Power Station systems at different voltage levels. With the function of physical channel conversion, communication protocol conversion, it can meet the requirements of serial inverters data collector, such as Modbus acquisition, Modbus configuration visualization, inverter software batch upgrade and other services.

The data acquisition can support various protocol and it can connect various devices from different manufactures to the background monitoring management platform through Ethernet(IEC104, TCP), RS232 and RS485. Meanwhile it has DI, DO, AI, AO and PT100 connectors for multiple application.

Features

- Comply with all Chint Power inverters
- Pre-configured for Plug & Play
- Capability with Chint Power O&M platform
- Hardware mounted and pre-wired
- IP65 rated enclosure
- Support local real-time monitoring

Technical Data

Environment Data	
Operating Temperature	-30°C ~ 70°C
Ambient Humidity	5%~95%,Non-condensing
Storage Temperature	-40°C ~ 85°C
Altitude	≤4000m
Ingress Protection	IP65
Product Parameters	
Product Description	Including: Data Collector, Converter, Air Circuit Breaker Support: Ethernet(Standard), 4G(Optional)
Electric Parameters	
AC Input	100~240Vac, 50/60Hz
AC-PLC Voltage	380V~800Vac, Three-phase
Communication Interface	
RS232	2*50~115.2Kbps
RS485	4*50~115.2Kbps
Ethernet	2*10M/100M/1000Mbps
Digital / Analog Input / Output	DI*8, DO*4, AI*4, AO*1
PT100	2
HPLC	Multi-core cables: 1000m; Single-core cables:300m (the three-phase cables must be bound at an interval of 1 m) ^[1]
Communication Protocol	
Ethernet	Modbus-TCP, IEC 60870-5-104
RS485	Modbus-RTU, IEC 60870-5-103 (standard), DL / T645
Mechanical Parameters	
Dimensions (W*H*D)	550mm*620mm*260mm
Weight	10Kg

Note[1]: RS485 communication is recommended if the AC cable is longer than 300m.