

COMMUNICATION BOX

PSC100



Commercial



Industrial

Inverters connected via PBUS signal; system manageable via Ethernet and fiber optic

Supports up to a maximum of 15 inverter

Integrated surge protection devices

IP65 protection rating for outdoor installation and long service life

Allows remote updates (when connected to ZCS Azzurro HUB)

and local updates for the entire system

Interfasciable with CCI for power management



TECHNICAL DATA

ZSM-PSC-100

General Data

Alimentation type connection	Mono-phase 1PH/N/PE
AC supply voltage range	100 - 240 V
AC supply frequency range	50 - 60 Hz
Consumption	60W
Communication line to the system controller	SFP/ETH (proprietary protocol)
Communication line to the ZCS monitoring device	ETH (ZSM-HUB)
Communication line to the inverter	PBUS (carrier waves)
Massimo numero di dispositivi connessi su PBUS	15 devices
Maximum PBUS transmission distance	1000m
PBUS connection type	Trifase 3PH
PBUS voltage range	320-920 V
PBUS frequency range	50 - 60 Hz
Maximum optical fiber transmission distance	20Km
Optical fiber interface method	LC-type connector
Integrated surge protection	AC Type II
Operating temperature	-30°C ... +60°C
Operating altitude	<4000m
Protection rating	IP65
Relative humidity	<95%, non-condensing
Cooling system	Natural convection
Weight	17.5 kg
Dimensions (W x D x H)	760 x 580 x 220mm
Installation typ	Wall-mounted or horizontal installation
Warranty	2 years