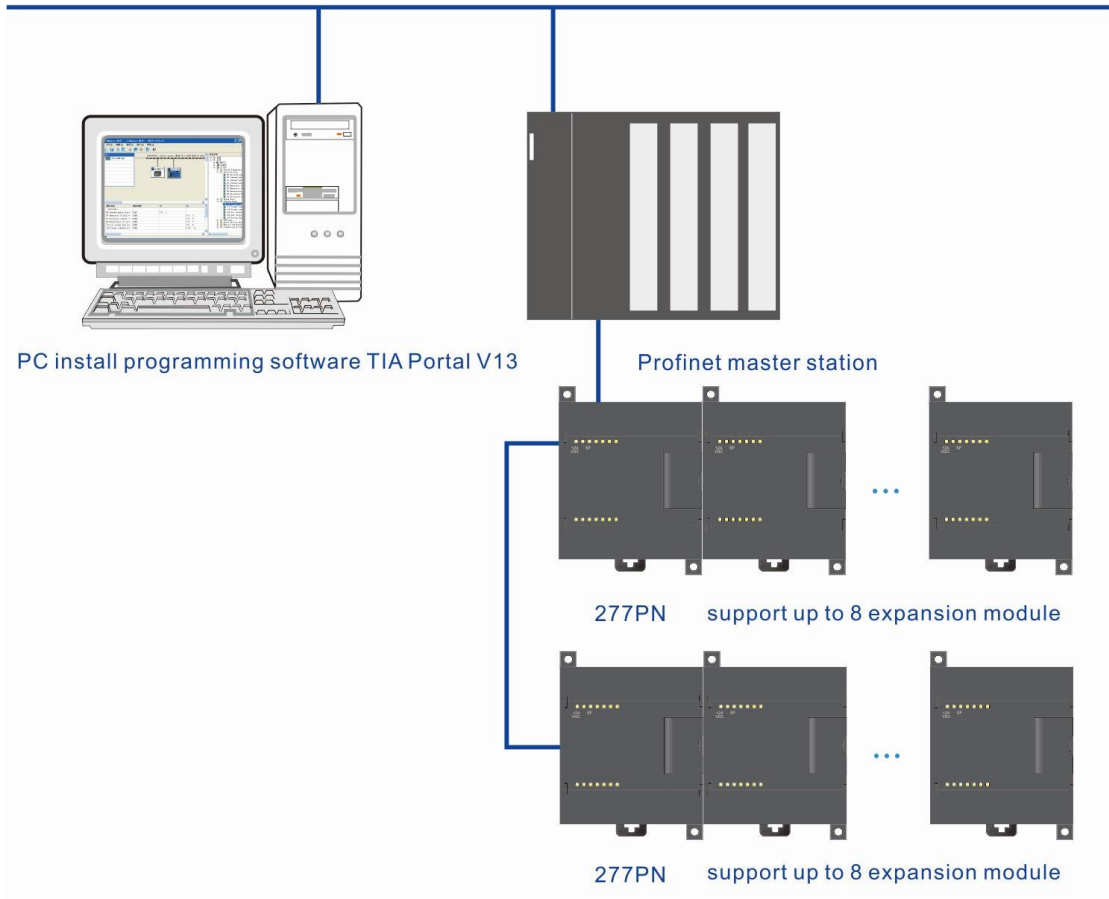


Profinet industrial Ethernet communication



Physical Features	
Dimension (W×H×D)	71×80×62 mm
Power Consumption	
Rated voltage input	24V DC
Voltage range	20.4V~28.8V DC
Current input	0.8A
Bus power voltage	+5V DC
Bus power current	1.1A
Isolation	The external power supply is isolated from the system power supply

Power protection	provides reverse connection protection and surge absorption
LED Indicator	
24V Indicator (Green)	ON = 24VDC power
	OFF = 24VDC no power
SF Indicator (red)	ON = extend I/O Bus failure or PROFINET module failure
	OFF = no fault
BF Indicator (red)	ON = PROFINET Bus communication failure (no connection to switch, no network detected)
	Blinking=Hardware configuration is inconsistent
	OFF = no fault
MT Indicator (yellow) (maintenance indicator)	ON = Loss of synchronization
	OFF = no fault
P1R/P2Rport Indicator (green)	ON = There is a connection to the switch /PN master station
	OFF = There is no a connection to the switch /PN master station
P1R/P2RportIndicator (yellow)	ON = received data
	OFF = no received data
Expansion I/O	
Maximum support module	8 (digital module、 analog module、 temperature module and PID module, other moudle is not included)
Protocol	CTSC-200 PLC 4MHZ Bus protocol
Maximum IO each station	Analog IO up to 64AI/32AQ Digital IO up to 256DI/256DQ
Topological structure	support star,tree,linear,ring structure.
PROFINET port	
Communication port	1*dual RJ45 port
Data transmission rate	Ethernet speed rate 10Mbps
	PROFINET speed rate100Mbps
Support Ethernet	ping、 arp、 (SNMP)/MIB-2、 LLDP
Send	250us~4ms
The third partPROFINET master station	Support
Maximum distance	100m (100BASE-TX)
Topological structure	support star,tree,linear,ring structure.
Isolation	Communication port isolation
Hardware configuration function	
File type	PROFINET GDS file XML format

The third part PN master station

Add CTS7 277-0PN32 then support 8pcs expansion model
digital module, analog module, temperature module and PID module, other module is not included

