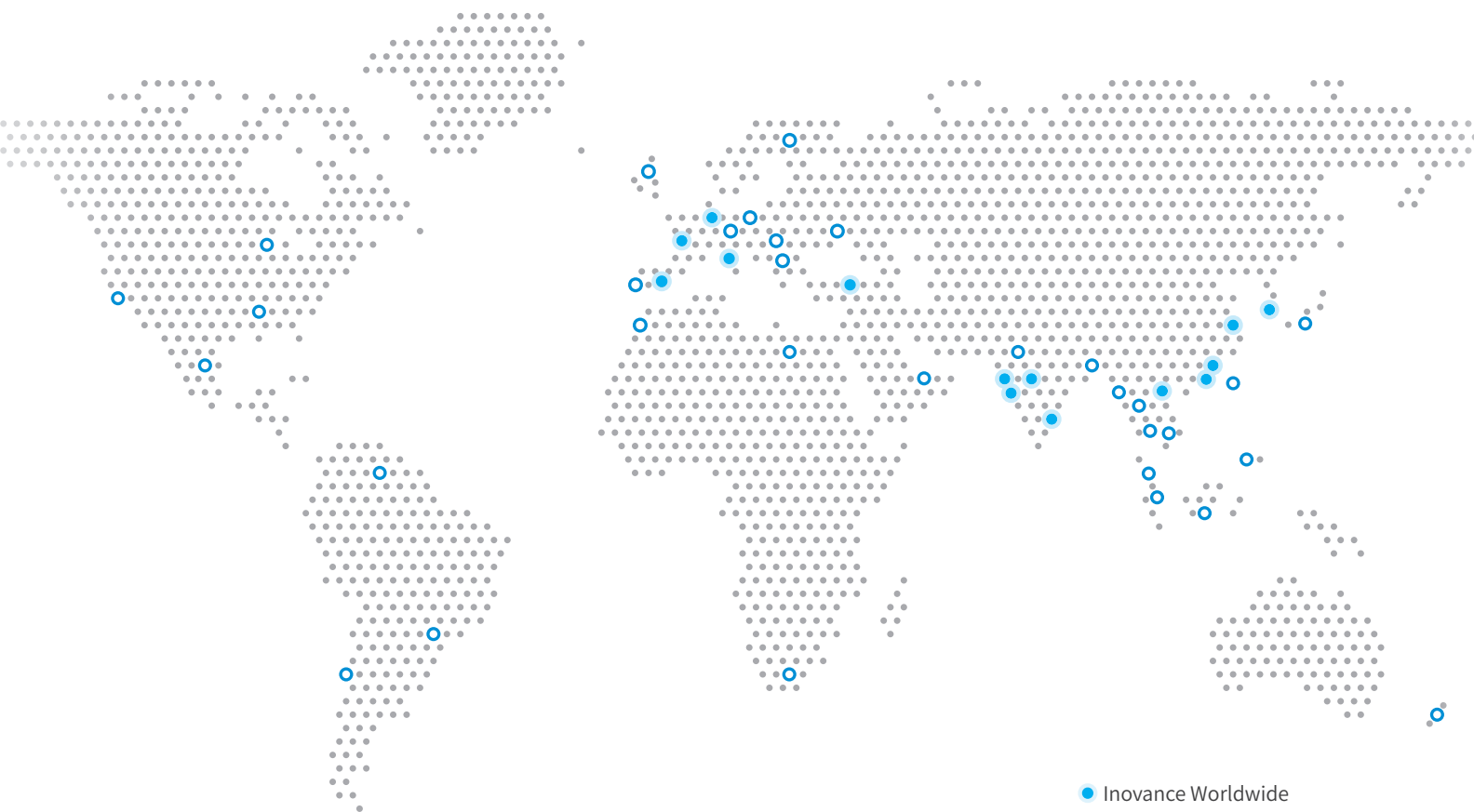




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INOVANCE

GL10 & GR10 Series

Expansion I/O Modules



GL10 Series

- Support H3U, H5U, AM400, AM600Series PLC, GR10 local expansion
- Equipped with power modules, which provide better anti-interference performance
- Expandable digital terminal, analog terminal, and temperature detection, etc.
- Suitable for centralized large-point applications (16 functional modules)

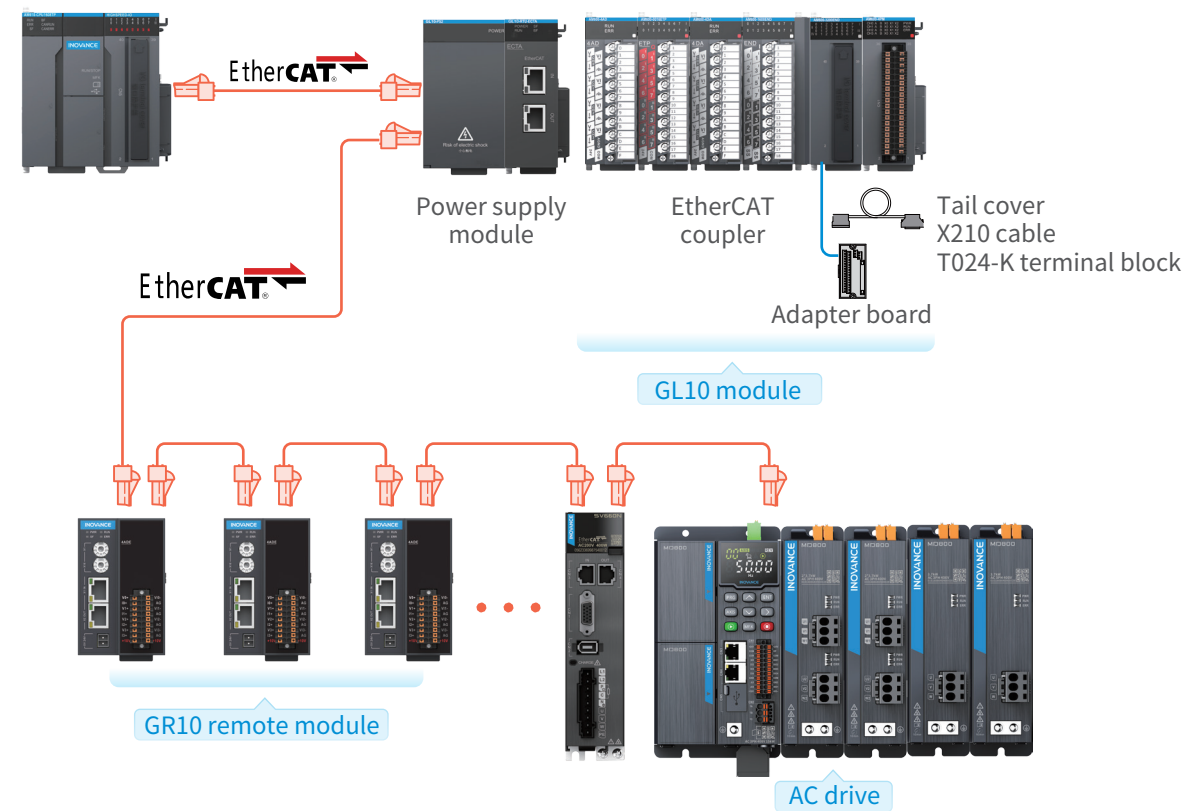


GR10 Series

- Expandable digital terminal, input & output available
- Support high-speed pulse positioning and high-speed counting modules
- Support rotary code switch to set station number and independent of position
- Suitable for distributed applications, no need for additional power modules required reducing on-site wiring

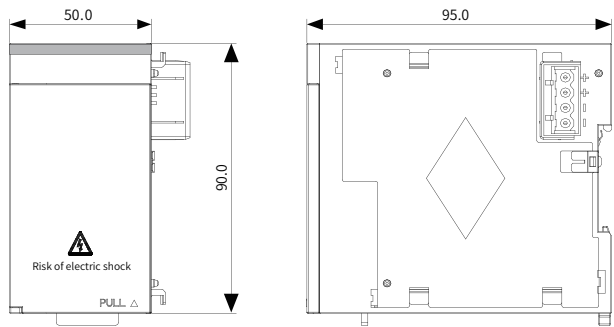


System overview

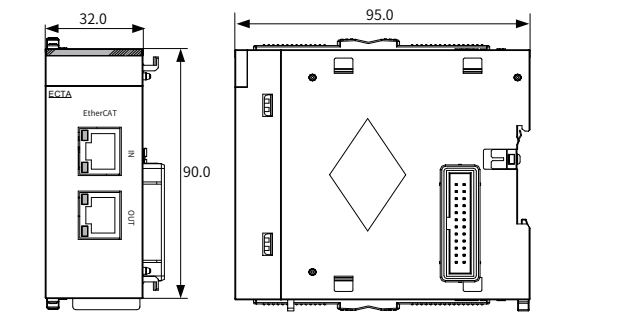


Dimensions

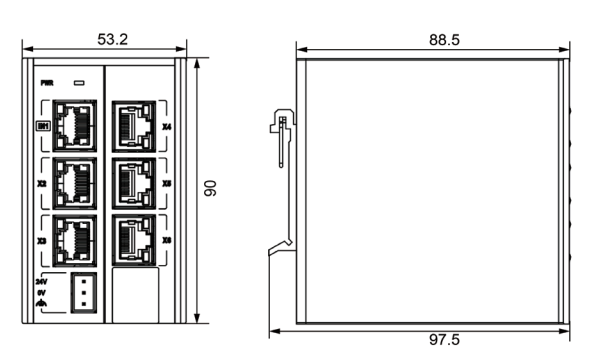
GL10-PS2-INT module



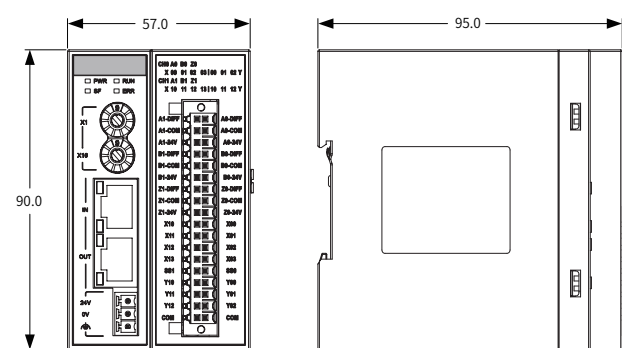
GL10-RTU-ECTA-INT module^[1]



GR10-EC-6SW-INT module



GR10-2HCE-INT module^[2]



Note: [1] The picture shows the GL10-RTU-ECTA-INT module, and the basic size of other GL10 modules is consistent with this size.
[2] The picture shows the GR10-2HCE-INT module, and the basic size of other GR10 modules is consistent with this size.

Selection chart

IO Module	Certification	Description
POWER SUPPLY UNIT		
GL10-PS2-INT	CE cUL US LISTED UK CA	Power supply module, input: 220V AC, output: 2A/24V DC
DIGITAL INPUT MODULES		
GL10-1600END-INT	CE cUL US LISTED UK CA	16× source (PNP)/sink (NPN) digital inputs module, screw terminals
GL10-3200END-INT	CE cUL US LISTED UK CA	32× source (PNP)/sink(NPN) digital inputs module, pluggable spring clamp terminals
DIGITAL OUTPUT MODULES		
GL10-0016ER-INT	CE cUL US LISTED UK CA	16× relay outputs module
GL10-0016ETP-INT	CE cUL US LISTED UK CA	16× source (PNP) transistor outputs module, screw terminals
GL10-0016ETN-INT	CE cUL US LISTED UK CA	16× sink (NPN) transistor outputs module, screw terminals
GL10-0032ETN-INT	CE cUL US LISTED UK CA	32× sink (NPN) transistor outputs module, pluggable spring clamp terminals
ANALOG I/O MODULES		
GL10-4AD-INT	CE	4× analog inputs module, screw terminals
GL10-4DA-INT	CE cUL US LISTED UK CA	4× analog outputs module, screw terminals
TEMPERATURE DETECTION MODULES		
GL10-4PT-INT	CE UK CA	4× channel thermal resistance inputs temperature detection module, screw terminals
GL10-4TC-INT	CE	4× channel thermocouple inputs temperature detection module, screw terminals
GL10-8TC-INT	CE	8× channel thermocouple inputs temperature detection module, screw terminals
EtherCAT COUPLER		
GL10-RTU-ECTA-INT	CE cUL US LISTED UK CA	EtherCAT (auto scan) communication module, RJ45 LAN port
CANopen COUPLER		
GL10-RTU-COP-INT	CE UK CA	CANopen communication module, DB9 female
Positioning modules		
GL10-4PM-INT	CE cUL US LISTED UK CA	4× channel pulse output positioning modules, pluggable spring clamp
GL10-2PH-INT	CE UK CA	2× channel high-speed differential output positioning modules, pluggable spring clamp
REMOTE MODULES (EtherCAT SLAVE)		
GR10-2HCE-INT	CE	Series programmable controller 2 channel ABZ high speed count EtherCAT slave station module, pluggable spring clamp terminals
GR10-0808ETNE-INT	CE	8× digital inputs and 8× transistor outputs, sink (NPN) type, EtherCAT slave station module, pluggable spring clamp terminals
GR10-1616ETNE-INT	CE	16× digital inputs and 16× transistor outputs, sink (NPN) type, EtherCAT slave station module, pluggable spring clamp terminals
GR10-2PHE-INT	CE	2× channel high-speed difference pulse output EtherCAT slave station module, pluggable spring clamp terminals
GR10-4ADE-INT	CE	4× analog inputs EtherCAT slave station module, pluggable spring clamp terminals
GR10-4DAE-INT	CE	4× analog outputs EtherCAT slave station module, pluggable spring clamp terminals
GR10-4PME-INT	CE	4× channel positioning output EtherCAT slave station module, pluggable spring clamp terminals
GR10-8PBE-INT	CE	8× channel capture probe EtherCAT slave station module, pluggable spring clamp terminals
GR10-8TCE-INT	CE	8× channel thermocouple inputs EtherCAT slave station module, pluggable spring clamp terminals
GR10-EC-6SW-INT	CE	6× channel EtherCAT branch module (1 EtherCAT input and 5 EtherCAT outputs), RJ45 LAN port