

G SERIES

DISTRIBUTED I/O SYSTEMS FOR INDUSTRIAL AUTOMATION



HIGHLIGHTS

G SERIES

PERFORMANCE

I/O bus Reading in 1ms
for 128 bytes

VERSATILE

DIN rail mounting
and tool-free
connection of
modules and
terminals

SMART

Multiple
communication
protocol options
with support for
up to 63 I/O
modules

FLEXIBLE

PROFINET,
EtherNet/IP,
MODBUS TCP,
EtherCAT
among others.

SCALABLE

Wide range of
digital and
analog I/O
modules, plus
special
modules

MASTERTOOL

User-friendly
software with
online editing and
offline simulation.
Based on



CODESYS

Removable Terminal Blocks (RTB)

Easy maintenance

Field Heads

Support for multiple protocols

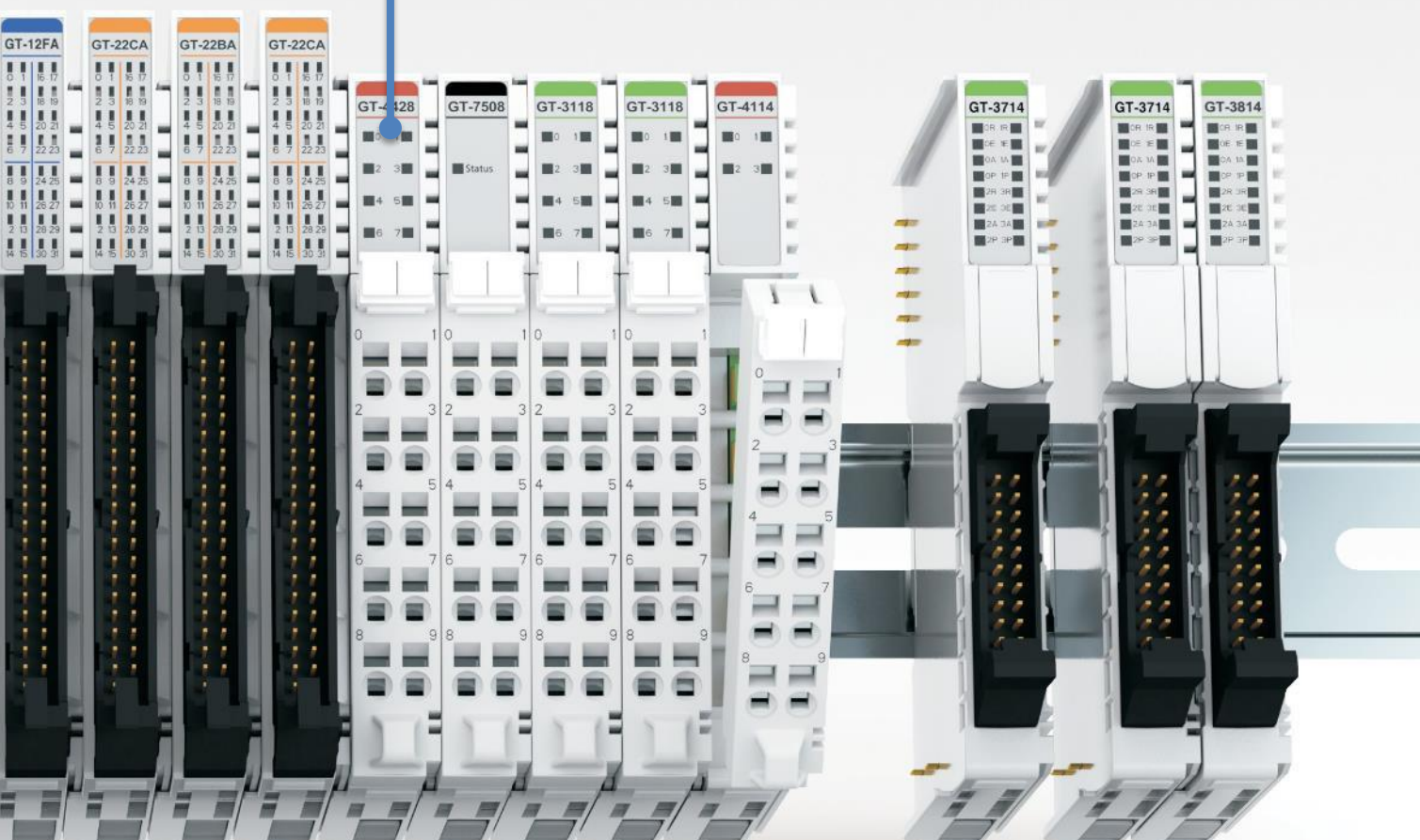
DIN Rail



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Indicator LEDs Power and Status



DIN Rail Locks

Enhanced Operational Safety

GN/GL-9xxx Network Heads

- MODBUS TCP
- EtherNet/IP
- PROFINET
- EtherCAT
- CANopen

GT-1xxx Digital Input

- 16-channel DI Module, 24 VDC (Sink or Source)

GT-2xxx Digital Output

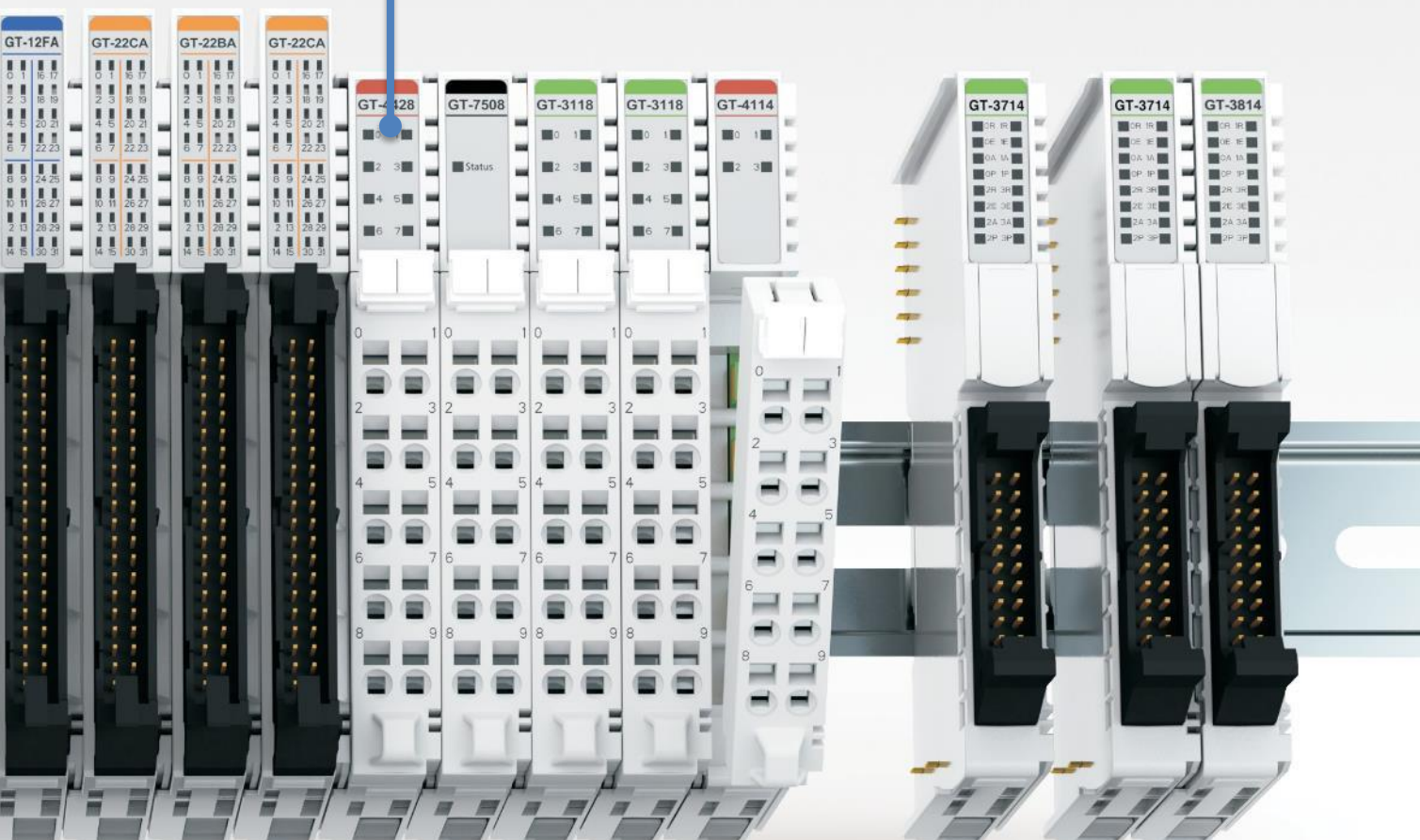
- 16-channel DO Module, 24 VDC / 0.3 A (Source)

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Indicator LEDs

Power and Status



DIN Rail Locks

Enhanced Operational Safety

GT-3xxx Analog Input

- 8-channel AI Module, 0/4–20 mA, 12-bit
- 8-channel AI Module, 0 to 10 VDC, 0 to 5 VDC, 1 to 5 VDC, 12-bit
- 2-channel Load Cell Measurement Module, -150 to 150 mV, 24-bit
- 1-channel Three-Phase Measurement Module, Lx-Ly 500 VAC / 5 A

GT-4xxx Analog Output

- 4-channel AO Module, 4 to 20 mA, 12-bit
- 4-channel AO Module, 0 to 10 VDC, 12-bit

GT-7xxx Supply Module

- Power supply module for the bus, 24 VDC input, 5 VDC / 1 A output

Special Module

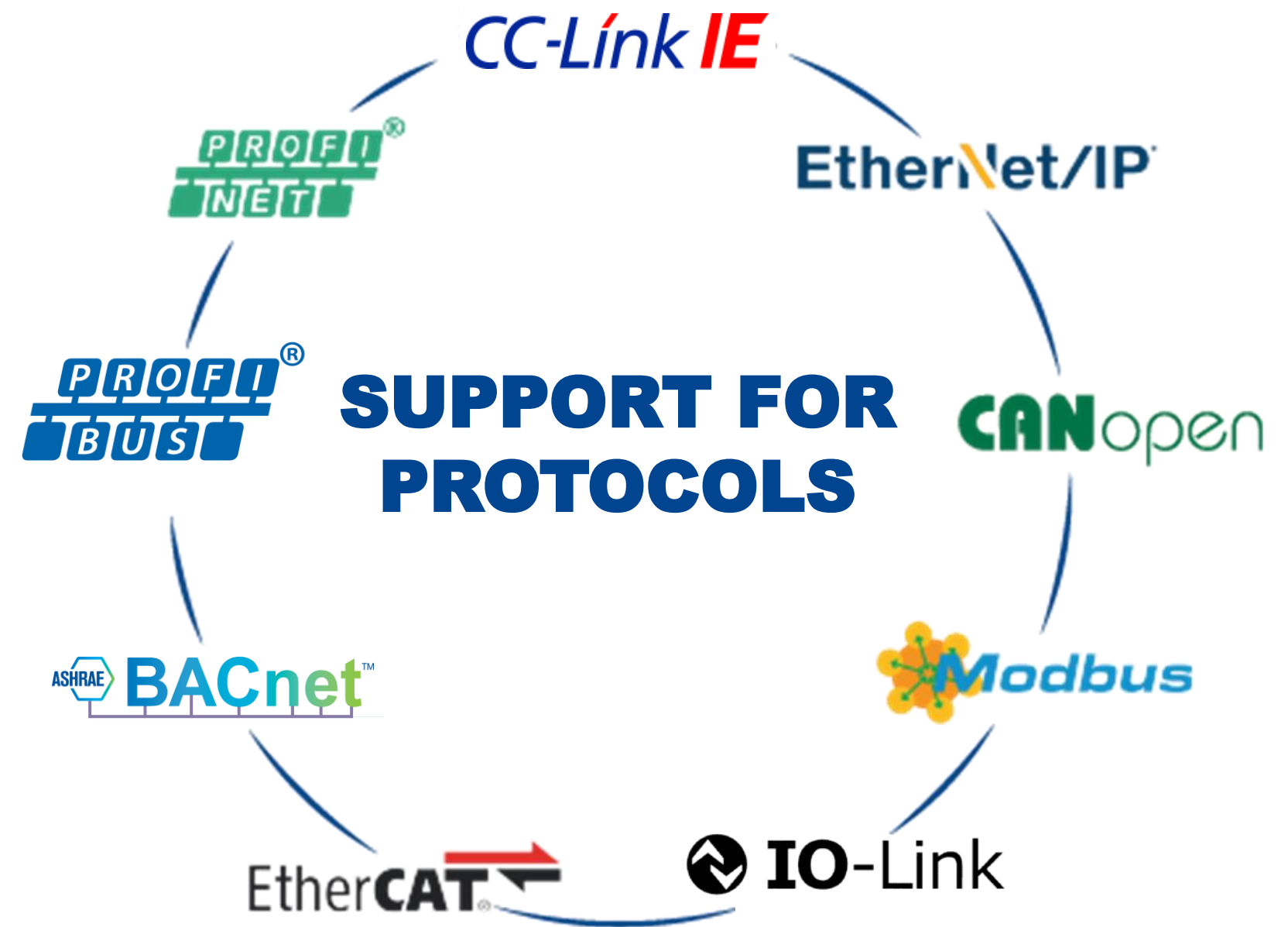
- Contact our sales team to learn more about available module options

HIGHLIGHTS

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COMMUNICATION PROTOCOLS

- PROFINET
- EtherNet/IP
- EtherCAT
- MODBUS TCP
- CANOpen*
- Profibus*
- DeviceNet*
- MODBUS RTU*
- CC-LINK*
- IO Link*
- BACnet/IP*



*Check with our sales team for stock availability

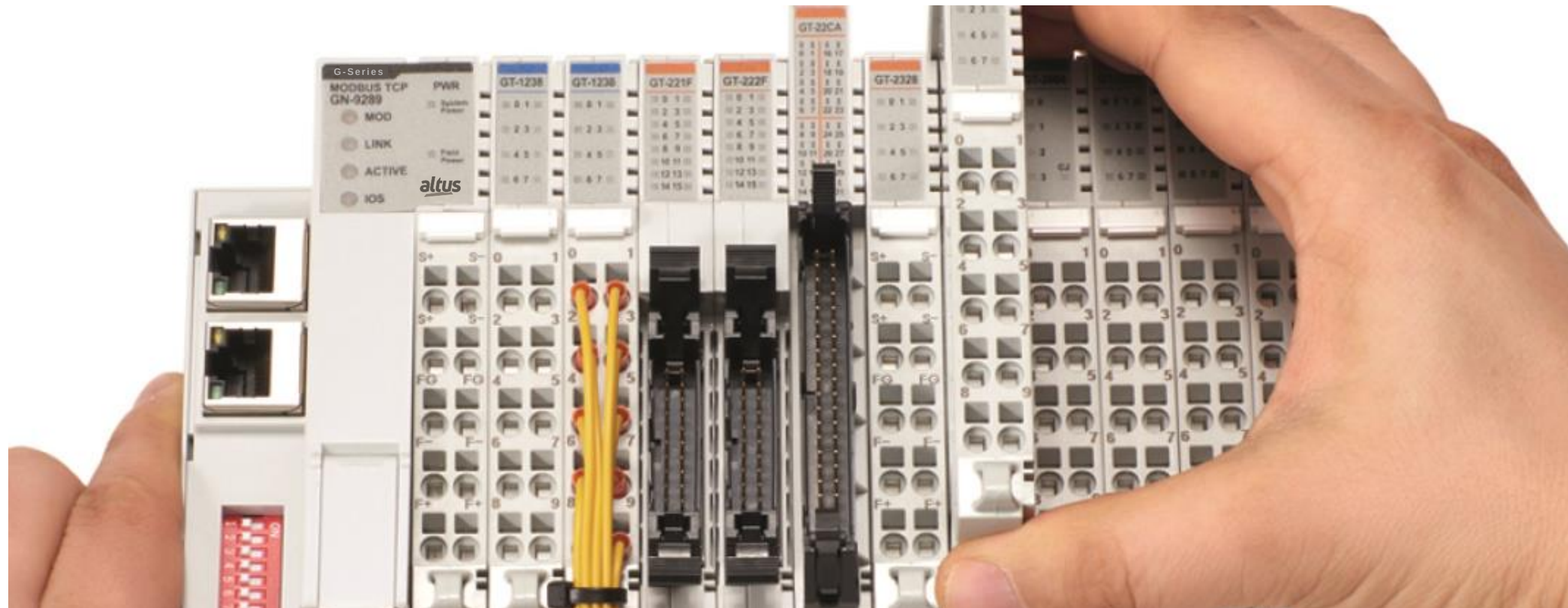
User-Friendly Design and Streamlined Wiring for Optimized Space Utilization

- Designed to deliver maximum flexibility and adaptability, the G Series offers a wide range of digital, analog, and special I/O modules for seamless integration with sensors and field devices. Its compact design and intuitive wiring system make it ideal for diverse industrial automation applications, helping to reduce installation time and save valuable panel space.



Efficient Maintenance

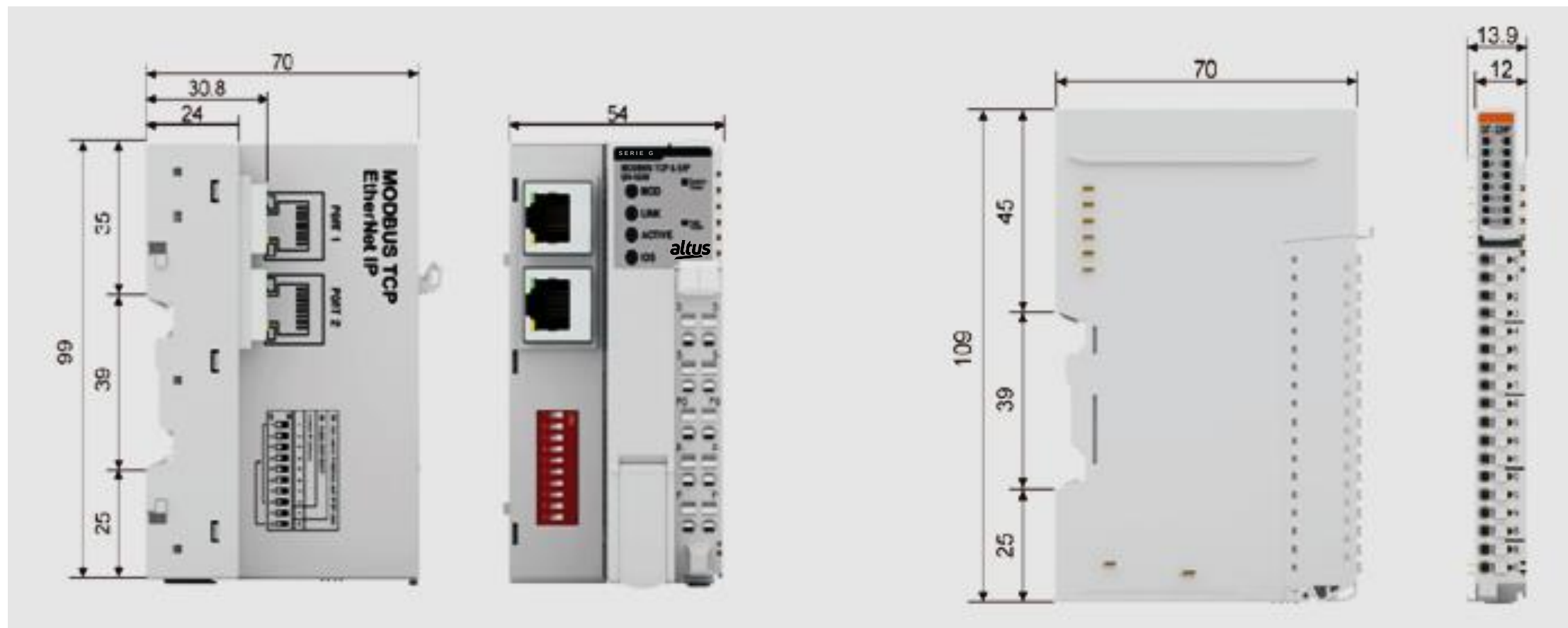
- Expandable to up to 63 I/O modules per system, the G Series products are designed for easy configuration, simplifying installation, maintenance, and module replacement.



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Space Saving

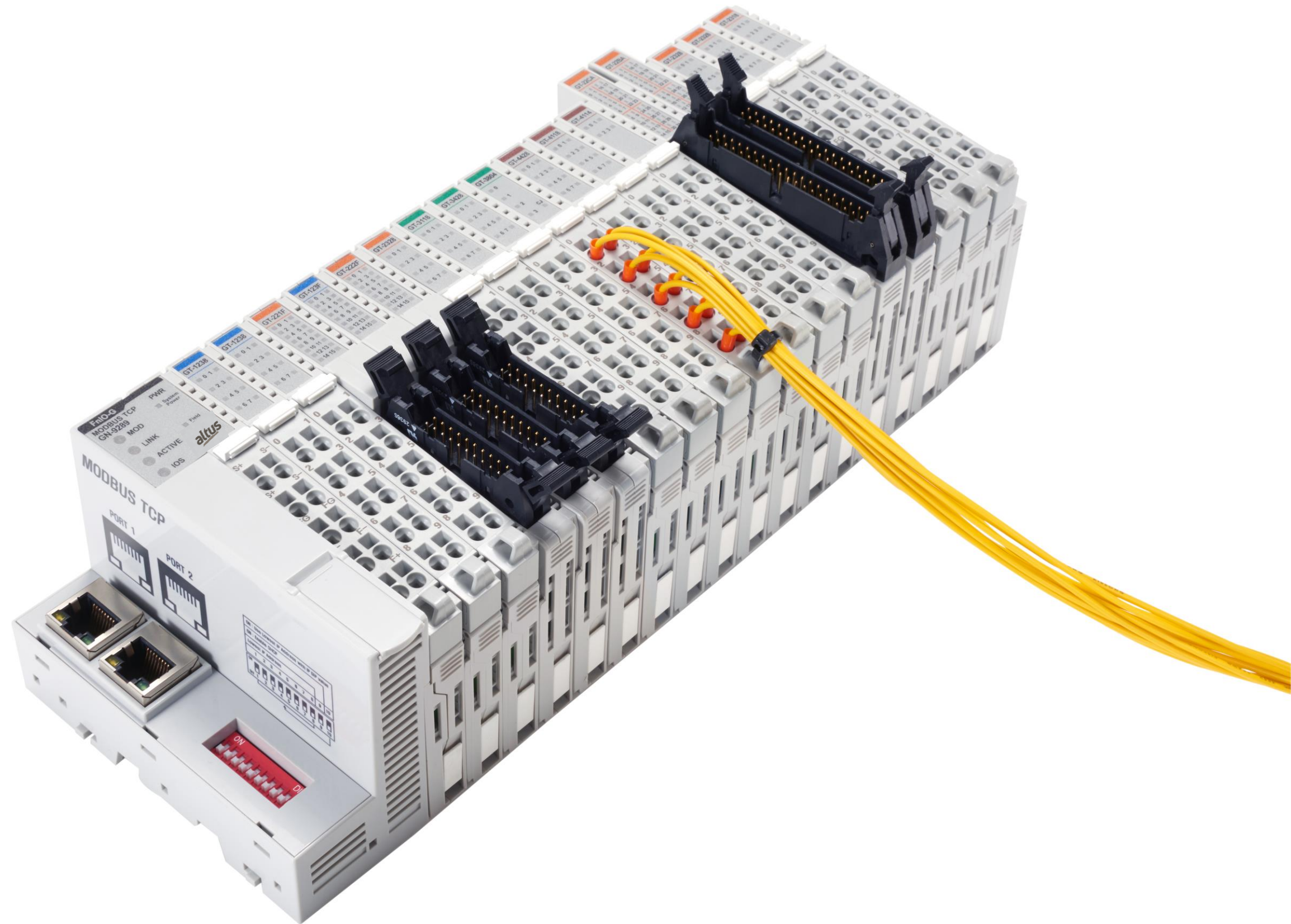
- Network modules starting at 22 mm (GL) and 54 mm (GN)
- I/O modules starting at 12 mm



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User Convenience

- The terminal blocks feature cable fastening rings, making maintenance and module replacements easier.



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Easy Installation

- The G Series modules feature removable front terminal blocks, simplifying the wiring process and easing system maintenance.



High-Speed I/O Modules

- One of the most innovative solutions on the market, the G Series features modules with multiple I/O points and a high-speed internal bus (1 ms)



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ITEM CODE	DESCRIPTION
GL-9087	Field Network Head – PROFINET (10 slots)
GL-9089	Field Network Head – MODBUS TCP/UDP and EtherNet/IP (16 slots)
GN-9261	Field Network Head – CANopen (63 slots)
GN-9287	Field Network Head – PROFINET (32 slots)
GN-9289	Field Network Head – MODBUS TCP/UDP and EtherNet/IP (63 slots)
GN-9386	Field Network Head – EtherCAT (63 slots)
GN-9387	Field Network Head – PROFINET MRP, FSU (63 slots)

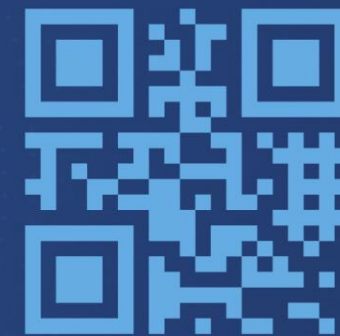
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ITEM CODE	DESCRIPTION
GT-12DF	16-channel DI Module, 24 VDC (Sink or Source)
GT-226F	16-channel DO Module, 24 VDC / 0.3 A (Source)
GT-3118	8-channel AI Module, 0/4–20 mA, 12-bit
GT-3428	8-channel AI Module, 0 to 10 VDC, 0 to 5 VDC, 1 to 5 VDC, 12-bit
GT-3102	2-channel Load Cell Measurement Module, -150 to 150 mV, 24-bit
GT-3911	1-channel Three-Phase Measurement Module, Lx-Ly 500 VAC / 5 A
GT-4214	4-channel AO Module, 4 to 20 mA, 12-bit
GT-4424	4-channel AO Module, 0 to 10 VDC, 12-bit

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ITEM CODE	DESCRIPTION
GT-7511	Módulo fonte de alimentação para barramento, entrada 24 Vdc, saída 5 Vdc/1 A
-	*Consulte nossa equipe comercial para conhecer mais opções de módulos. Opções para sensores de temperatura, E/S Rápidas, IO link, HART, entre outros.

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