


Communication Protocol MAPMAN



Mapman Function enables PLCs and RKC temperature controllers to act as one.

PLC  Temperature Controller
Programless connection



SR Mini HG System



COM-E


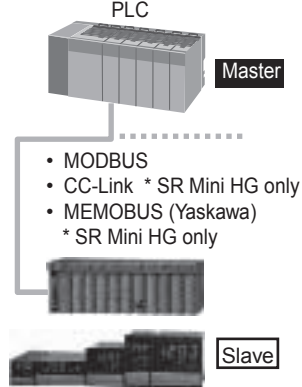
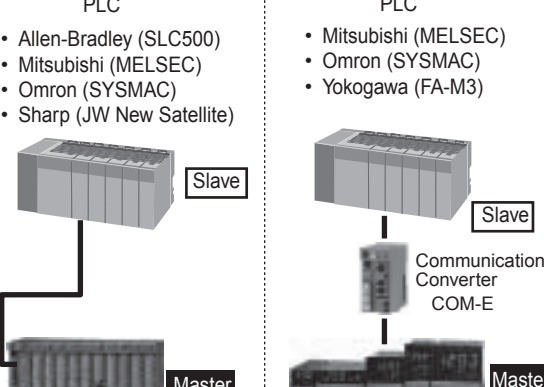
General Description

MAPMAN is a simplified interface solution between PLCs and single loop or multi-loop RKC PID controllers which provides superior temperature control accuracy with no programming required. **MAPMAN** functions automatically write process data into the PLC registers and update parameters continuously and automatically. **MAPMAN** makes communications between RKC controllers as easy to utilize as any integral PLC temperature/process PID module.

Features

- ☆ Eliminates time consuming programming
- ☆ Enables two units to act as one.
- ☆ Use with single loop or multi-zone controls
- ☆ Process variables automatically and continuously update PLC registers

Comparison between Mapman and Open Network General

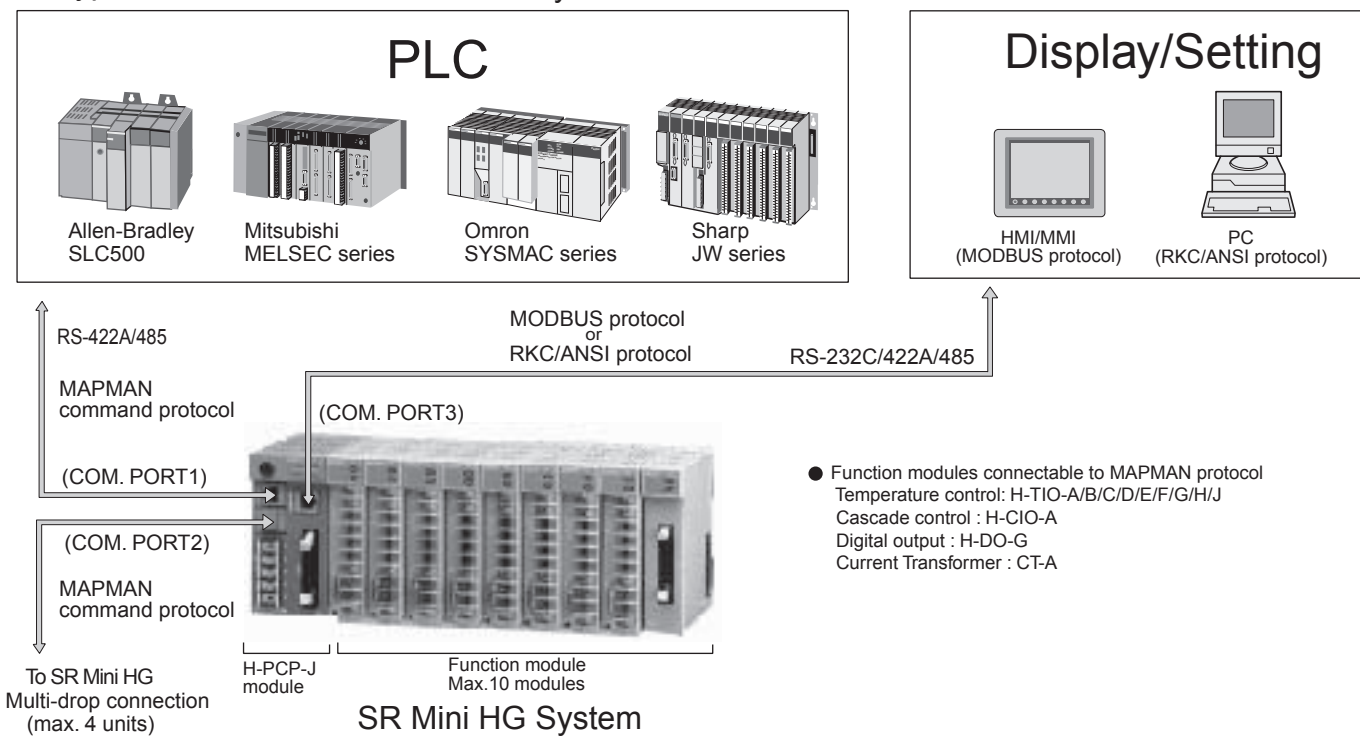
Connection Method	Open Network DeviceNet, Profibus	MAPMAN 
Configuration	<p>PLC Master</p>  <ul style="list-style-type: none"> • MODBUS • CC-Link * SR Mini HG only • MEMOBUS (Yaskawa) * SR Mini HG only <p>Temperature controllers SR Mini HG, CB Series, SA100, SA200, MA900/901</p> <p>Slave</p>	<p>PLC Slave</p> <ul style="list-style-type: none"> • Allen-Bradley (SLC500) • Mitsubishi (MELSEC) • Omron (SYSMAC) • Sharp (JW New Satellite)  <p>Temperature controllers SR Mini HG</p> <p>Communication Converter COM-E</p> <p>Temperature controllers CB Series, SA100, SA200 REX-F400/700/900, LE100</p> <p>Master</p>
Programming for communication	Start-up program is required	Not required
Programming for read/write parameters	Required	Not required



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Typical Configuration

● Type 1 PLC ↔ SR Mini HG System



● Type 2 PLC ↔ COM-E ↔ RKC Controllers (CB Series, REX-F400/700/900, SA200, SA100, LE100)

