

## PROFIBUS Remote I/O Module

### 24 Isolated DO Module

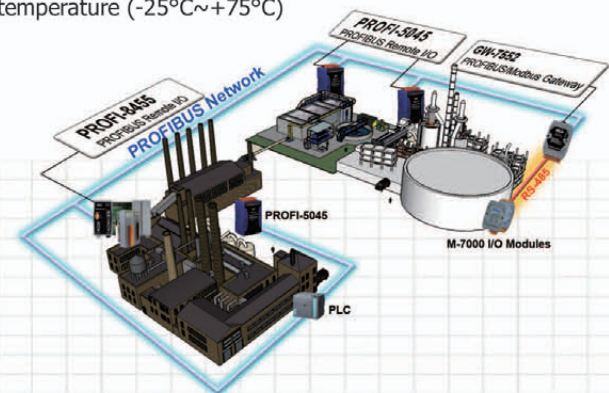
#### PROFI-5045

NEW



PROFI-5045 is one of the PROFIBUS DP series products produced by ICP DAS. It provides the PROFIBUS DP communication protocol with any DP-Masters. The PROFI-5045 provides  $\pm 4\text{KV}$  ESD protection contacting for all terminals (include I/O Terminals and PROFIBUS connector).

- ✓ Support for PROFIBUS DP-V0 protocol
- ✓ Detect transmission rate automatically(Max. 12Mbps)
- ✓ Address 0~99 set by rotary switches
- ✓ Network Isolation Protection
- ✓ 3000V<sub>DC</sub> isolation protection on PROFIBUS side
- ✓ 4KV ESD Protection (contact for any terminal)
- ✓ Wide range of power input (DC 10~40V<sub>DC</sub>) and operating temperature (-25°C~+75°C)



### 16 Non-Isolated DI and 8 Non-Isolated DO Module

#### PROFI-5050

NEW



PROFI-5050 is one of the PROFIBUS DP series products produced by ICP DAS. It provides the PROFIBUS DP communication protocol with any DP-Masters. The PROFI-5050 provides  $\pm 4\text{KV}$  ESD protection contacting for all terminals (include I/O Terminals and PROFIBUS connector).

- ✓ Support for PROFIBUS DP-V0 protocol
- ✓ Detect transmission rate automatically(Max. 12Mbps)
- ✓ Address 0~99 set by rotary switches
- ✓ Network Isolation Protection
- ✓ 3000V<sub>DC</sub> isolation protection on PROFIBUS side
- ✓ 4KV ESD Protection (contact for any terminal)
- ✓ Wide range of power input (DC 10~40V<sub>DC</sub>) and operating temperature (-25°C~+75°C)



### 24 Isolated DI Module

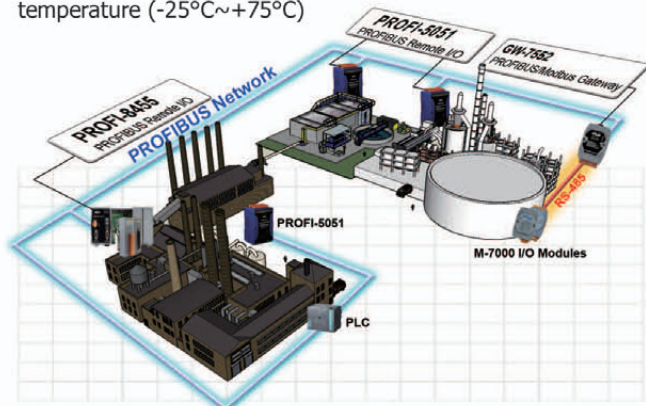
#### PROFI-5051

NEW



PROFI-5051 is one of the PROFIBUS DP series products produced by ICP DAS. It provides the PROFIBUS DP communication protocol with any DP-Masters. The PROFI-5051 provides  $\pm 4\text{KV}$  ESD protection contacting for all terminals (include I/O Terminals and PROFIBUS connector).

- ✓ Support for PROFIBUS DP-V0 protocol
- ✓ Detect transmission rate automatically(Max. 12Mbps)
- ✓ Address 0~99 set by rotary switches
- ✓ Network Isolation Protection
- ✓ 3000V<sub>DC</sub> isolation protection on PROFIBUS side
- ✓ 4KV ESD Protection (contact for any terminal)
- ✓ Wide range of power input (DC 10~40V<sub>DC</sub>) and operating temperature (-25°C~+75°C)



### 12 Isolated DI Module

#### PROFI-5052

NEW



PROFI-5052 is one of the PROFIBUS DP series products produced by ICP DAS. It provides the PROFIBUS DP communication protocol with any DP-Masters. The PROFI-5052 provides  $\pm 4\text{KV}$  ESD protection contacting for all terminals (include I/O Terminals and PROFIBUS connector).

- ✓ Support for PROFIBUS DP-V0 protocol
- ✓ Detect transmission rate automatically(Max. 12Mbps)
- ✓ Address 0~99 set by rotary switches
- ✓ Network Isolation Protection
- ✓ 3000V<sub>DC</sub> isolation protection on PROFIBUS side
- ✓ 4KV ESD Protection (contact for any terminal)
- ✓ Wide range of power input (DC 10~40V<sub>DC</sub>) and operating temperature (-25°C~+75°C)





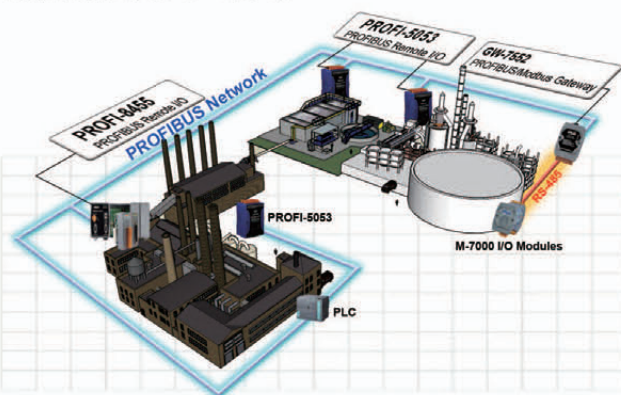
**24 Dry Contact Non-Isolated DI Modul**

**PROFI-5053**  
*NEW*



PROFI-5053 is one of the PROFIBUS DP series products produced by ICP DAS. It provides the PROFIBUS DP communication protocol with any DP-Masters. The PROFI-5053 provides  $\pm 4\text{KV}$  ESD protection contacting for all terminals (include I/O Terminals and PROFIBUS connector).

- ✓ Support for PROFIBUS DP-V0 protocol
- ✓ Detect transmission rate automatically(Max. 12Mbps)
- ✓ Address 0~99 set by rotary switches
- ✓ Network Isolation Protection
- ✓ 3000V<sub>DC</sub> isolation protection on PROFIBUS side
- ✓ 4KV ESD Protection (contact for any terminal)
- ✓ Wide range of power input (DC 10~40V<sub>DC</sub>) and operating temperature (-25°C~+75°C)



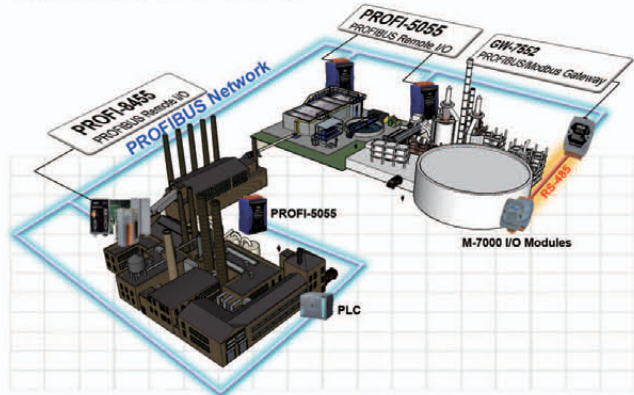
**8 Isolated DI and 8 Isolated DO Modul**

**PROFI-5055**  
*NEW*



PROFI-5055 is one of the PROFIBUS DP series products produced by ICP DAS. It provides the PROFIBUS DP communication protocol with any DP-Masters. The PROFI-5055 provides  $\pm 4\text{KV}$  ESD protection contacting for all terminals (include I/O Terminals and PROFIBUS connector).

- ✓ Support for PROFIBUS DP-V0 protocol
- ✓ Detect transmission rate automatically(Max. 12Mbps)
- ✓ Address 0~99 set by rotary switches
- ✓ Network Isolation Protection
- ✓ 3000V<sub>DC</sub> isolation protection on PROFIBUS side
- ✓ 4KV ESD Protection (contact for any terminal)
- ✓ Wide range of power input (DC 10~40V<sub>DC</sub>) and operating temperature (-25°C~+75°C)



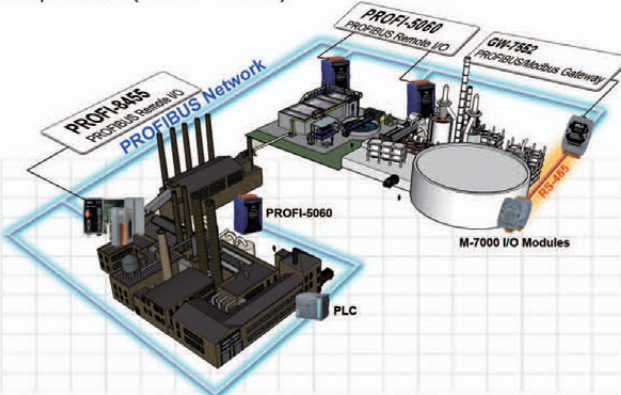
**8 Isolated DI and 4 Relay Output Module**

**PROFI-5060**  
*NEW*



PROFI-5060 is one of the PROFIBUS DP series products produced by ICP DAS. It provides the PROFIBUS DP communication protocol with any DP-Masters. The PROFI-5060 provides  $\pm 4\text{KV}$  ESD protection contacting for all terminals (include I/O Terminals and PROFIBUS connector).

- ✓ Support for PROFIBUS DP-V0 protocol
- ✓ Detect transmission rate automatically(Max. 12Mbps)
- ✓ Address 0~99 set by rotary switches
- ✓ Network Isolation Protection
- ✓ 3000V<sub>DC</sub> isolation protection on PROFIBUS side
- ✓ 4KV ESD Protection (contact for any terminal)
- ✓ Wide range of power input (DC 10~40 V<sub>DC</sub>) and operating temperature (-25°C~+75°C)



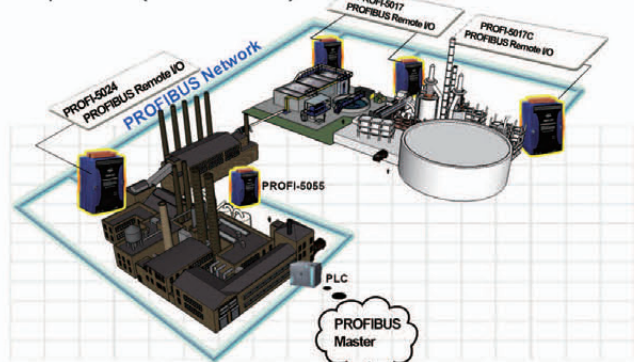
**8 Isolated Analog Voltage Input Module**

**PROFI-5017**  
*Available soon*



PROFI-5017 is one of the PROFIBUS DP series products produced by ICP DAS. It provides the PROFIBUS DP communication protocol with any DP-Masters. The PROFI-5017 provides  $\pm 4\text{KV}$  ESD protection contacting for all terminals (include I/O Terminals and PROFIBUS connector).

- ✓ Support for PROFIBUS DP-V0 protocol
- ✓ Detect transmission rate automatically(Max. 12Mbps)
- ✓ Support device-related & channel-related diagnosis
- ✓ Address 0~126 set by rotary switches or SSA telegram
- ✓ 14-bits resolution & 100kps AD converter
- ✓ 3000V<sub>DC</sub> isolation protection on PROFIBUS
- ✓ 4kv ESD protection (contact for any terminal)
- ✓ Wide range of power input (DC 10~40V<sub>DC</sub>) and operating temperature (-25°C~+75°C)





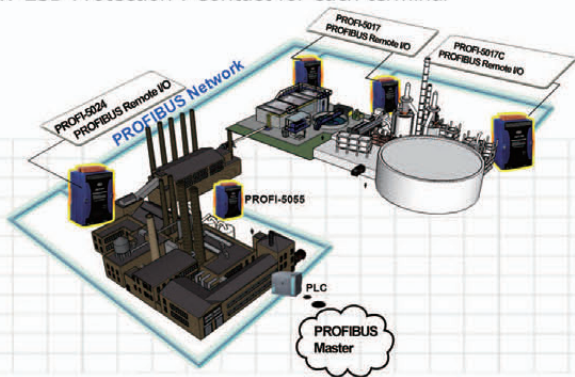
**8 Isolated Analog Current Input Module**

**PROFI-5017C**  
*Available soon*



PROFI-5017C is specially designed for the slave device of PROFIBUS DP protocol. It supports up to 8-channel isolated analog current input with 2500V<sub>rms</sub> field to logic isolation. Users can easily to choose and configure it by using the GSD file in any PROFIBUS Configurator.

- ✓ Protocol & Hierarchy : DP-V0 Slave
- ✓ Supports Transmission Rate (kbps) : 9.6, 19.2, 45.45, 93.75, 187.5, 500, 1500, 3000, 6000, 12000
- ✓ Transmission Rate Setting : detected automatically
- ✓ Address Setting : 0~126 set by rotary switches or SSA Telegram
- ✓ Indicators : PWR LED, RUN LED, ERR LED
- ✓ Network Isolation Protection : High Speed iCoupler
- ✓ DC Isolation Protection : 3000 V<sub>DC</sub> on PROFIBUS side
- ✓ 4KV ESD Protection : Contact for each terminal



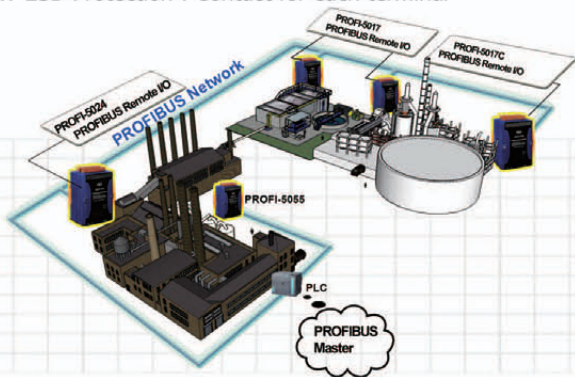
**4 Isolated Analog Voltage & Current Output Module**

**PROFI-5024**  
*Available soon*



PROFI-5024 is specially designed for the slave device of PROFIBUS DP protocol. It supports up to 4-channel isolated analog voltage/current output with 3750V<sub>rms</sub> field to logic isolation. Users can easily to choose and configure it by using the GSD file in any PROFIBUS Configurator.

- ✓ Protocol & Hierarchy : DP-V0 Slave
- ✓ Supports Transmission Rate (kbps) : 9.6, 19.2, 45.45, 93.75, 187.5, 500, 1500, 3000, 6000, 12000
- ✓ Transmission Rate Setting : detected automatically
- ✓ Address Setting : 0~126 set by rotary switches or SSA Telegram
- ✓ Indicators : PWR LED, RUN LED, ERR LED
- ✓ Network Isolation Protection : High Speed iCoupler
- ✓ DC Isolation Protection : 3000 V<sub>DC</sub> on PROFIBUS side
- ✓ 4KV ESD Protection : Contact for each terminal



**PROFIBUS Remote I/O Unit**

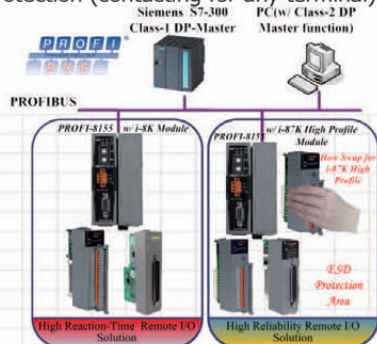
**PROFIBUS Remote I/O Unit with 1 Expansion Slot**

**PROFI-8155**  
*NEW*



PROFI-8155 Remote I/O Unit is specially designed for the slave device of PROFIBUS DP protocol. It supports up to 1 slot for ICPDAS I-8k series, I-87k Low Profile series, and I-87k High Profiles series I/O modules. In addition, we also provide hot-swap function for I-87k High Profiles series I/O modules.

- ✓ Protocol& hierarchy: DP-V0 Slave
- ✓ Detect transmission rate (9.6 ~ 12000 kbps) automatically
- ✓ Support all I-8k & I-87k I/O Module
- ✓ Support Device-Related & Channel-Related Diagnosis
- ✓ Address 0~126 set by rotary switches or SSA-Telegram
- ✓ Support Hot-Swap for I-87k High-Profile Modules
- ✓ Network Isolation Protection
- ✓ 3000 V<sub>dc</sub> isolation protection on PROFIBUS side
- ✓ 4 kV ESD Protection (contacting for any terminal)



**PROFIBUS Remote I/O Unit with 2 Expansion Slots**

**PROFI-8255**  
*NEW*



PROFI-8255 Remote I/O Unit is specially designed for the slave device of PROFIBUS DP protocol. It supports up to 2 slots for ICPDAS I-8k series, I-87k Low Profile series, and I-87k High Profiles series I/O modules. In addition, we also provide hot-swap function for I-87k High Profiles series I/O modules.

- ✓ Protocol& hierarchy: DP-V0 Slave
- ✓ Detect transmission rate (9.6 ~ 12000 kbps) automatically
- ✓ Support all I-8k & I-87k I/O Module
- ✓ Support Device-Related & Channel-Related Diagnosis
- ✓ Address 0~126 set by rotary switches or SSA-Telegram
- ✓ Support Hot-Swap for I-87k High-Profile Modules
- ✓ Network Isolation Protection
- ✓ 3000 V<sub>dc</sub> isolation protection on PROFIBUS side
- ✓ 4 kV ESD Protection (contacting for any terminal)

