

IO Modules from Shreem Digital

Communication family: **Modbus RTU RS485**

CE

RoHS

MAKE IN INDIA

SD - IO - 4DOM

4 Port DO (relay based 10A 230V) with Modbus RTU RS485 + DIP SW. Power Source – 24V AC/DC.

SD - IO - 8DOM

8 Port DO (relay based 10A 230V) with Modbus RTU RS485 + DIP SW. Power Source – 24V AC/DC.

SD - IO - 16DOM

16 Port DO (relay based 10A 230V) with Modbus RTU RS485 + DIP SW. Power Source – 24V AC/DC.

SD - IO - 4DDAM

4 Port DO (Relay based 10A 230V), 4 DI (4–30VDC), 4 AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus RTU RS485 + DIP SW. AI resolution of 10 bit / 12 bit on request. Power Source – 24V AC/DC.

SD - IO - 8DDM

8 Port DO (Relay based 10A 230V), 8 Port DI (4–30VDC) with Modbus RTU RS485 + DIP SW. Power Source – 24V AC/DC.

SD - IO - 16DIM

16 Port DI (4–30VDC) with Modbus RTU RS485 + DIP SW. Power Source – 24V AC/DC.

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SD - IO - 8DIM

8 Port DI (4–30VDC) with Modbus RTU RS485 + DIP SW. Power Source – 24V AC/DC.

SD - IO - 4DIM

4 Port DI (4–30VDC) with Modbus RTU RS485 + DIP SW. Power Source – 24V AC/DC.

SD - IO - 8AIM

8 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus RTU RS485 + DIP. Default 10 bit / 12 bit optional. AI can be UI (AI + NTC + DI). Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 4AIM

4 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus RTU RS485 + DIP. Default 10 bit / 12 bit optional. AI can be UI (AI + NTC + DI). Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 4AOMV

4 Port AO (0–10V) with Modbus RTU RS485 + DIP SW. AO resolution 10 bit / 12 bit optional. Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 4AOMC

4 Port AO (4–20mA) with Modbus RTU RS485 + DIP SW. AO resolution 10 bit / 12 bit optional. Power Source – 12–24V DC or 24V AC/DC.

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SD - IO - 4DIAM

4 Port DI (4–30VDC), 4 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus RTU RS485 + DIP SW. 12 bit upgrade optional. AI can be UI (AI + NTC + DI). Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 4DOAM

4 Port DO (10A 230V), 4 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus RTU RS485 + DIP SW. 12 bit upgrade optional. AI can be UI (AI + NTC + DI). Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 8DIAM

8 Port DI (4–30VDC), 8 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus RTU RS485 + DIP SW. 12 bit upgrade optional. AI can be UI (AI + NTC + DI). Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 8DOAM

8 Port DO (10A – 230V), 8 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus RTU RS485 + DIP + 12 bit upgrade optional. AI can be UI (AI + NTC + DI). Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 4DIDOM

4 Port DO (Relay 10A 230V) and 4 Port DI (4–30VDC) with Modbus RTU RS485 DIP SW. Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 4DO4AOM

4 Port DO (Relay 10A 230V) and 4 Port AO (0–10V) with Modbus RTU RS485 + DIP SW. 12 bit upgrade optional. Power Source – 12–24V DC or 24V AC/DC.

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MAKE IN INDIA

SD - IO - 2DDAM

2 Port DO (Relay based 10A 230V), 2 Port DI (4–30VDC), 2 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus RTU + DIP SW. AI resolution of 10 bit / 12 bit on request. Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 1AI1AOM

1 Port AI (Default 10 bit / 12 bit optional) / 1 Port AO (Default 8 bit / 12 bit option on board with jumper) with Modbus RTU RS485 + DIP SW. Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 4DI1DOM

4 Port DO (Relay based 10A 230V), 1 Port DI (4–30VDC) with Modbus RTU + DIP SW. Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 4DDAI-NTCM

4 DI (4–30VDC), 3 Port DO (Relay based 10A 230V), 4 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V), 2 AO (0–10V) with Modbus RTU + DIP SW. AI & AO resolution of 10 bit / 12 bit, jumper selectable. Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 4AO4AI-NTCM

4 Port DO (Relay based 10A 230V), 4 Port DI (4–30VDC), 4 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus RTU + DIP SW. AI resolution of 10 bit / 12 bit and jumper selectable NTC for type 3 10k type. Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 4DI3DO4AI2AOM

4 Port DO (Relay based 10A 230V), 4 Port DI (4–30VDC), 4 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V), 2 AO (0–10V) with Modbus RTU + DIP SW. AI & AO resolution of 10 bit / 12 bit, jumper selectable. Power Source – 12–24V DC or 24V AC/DC.

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MAKE IN INDIA

SD-IO-7SD-M

Display Module with 4 Digit 0.8 inch 7 Segment Display with Modbus RS485. Input Power Source – 12–24V AC/DC. Enclosure – Panel Mountable – x 60mm × y 30mm × z 25mm.

SD-IO-8 Port M Loop

IO Module with 8 Port Internal Loop to enable connectivity of up to 8 Modbus Slave Devices with isolation. Input Power Source – 12–24V DC. Enclosure – DIN Rail Mountable – 110mm × 70mm × 50mm. This device can be cascaded to create bigger Modbus Loop.

SD-IO-12-PORT-M-LOOP-CONN

Module Type: 12 Port RS485 Loop Connectivity Module. Input Power Source: 12–24V DC. Communication: Modbus RTU (RS485). Ports: 12 Independent RS485 Channels. Function: A & B Signal Loopback for Communication. Loop / Daisy Chain Interface: RS485 (A, B Differential).

SD - IO - 12-PORT-M-LOOP-CONN

RS485 Loop connectivity module as specified in the supplied brochure; the model name is repeated in the source.

SD - IO - 4PT100/1000M

4 Port PT100 / PT1000 (Jumper Selectable) with Modbus RTU RS485 + DIP SW. Power Source – 12–24V DC or 24V AC/DC.

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SD - IO - ISO M-M

Modbus To Modbus Isolator. Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 2PT2ThM

2 Port PT100/PT1000 (Jumper selectable) + 2 Port Thermocouple with Modbus RTU RS485 + DIP SW. Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 12DI8AI4DO4AOM

Source description is partially obscured in the supplied PDF: “d 10A 230V), 8 AI(4–20mA, 0–20mA, 0–5, 0–10V), 4AO(0–10V) with Modbus RTU + DIP SW (AI & AO resolution of 10 bit/12 bit) and jumper selectable. Power Source – 12–24V DC or 24V AC/DC.”

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RoHS

MAKE IN INDIA

SD - IO - 16DDM

16 Port DO (Transistor based NPN) and 16 DI (4–30V DC) with Modbus RS485. Soft Config. Power Source 12–24V DC.

SD - IO - 32DOM

32 Port DO (Transistor based NPN) with Modbus RS485. Soft Config. Power Source – 12–24V DC.

SD - IO - 4DDAPM

4 Port DI (4–30V DC), 4 Port DO (Relay based 10A, 230V AC), 4 Port AI (4–20mA, 0–10V OR PT100 jumper selectable) with Modbus RTU RS485. Power Source – 12–24V DC.

SD - IO - 8DDAPM

8 Port DI (4–30V DC), 8 Port DO (Relay based 10A, 230V AC), 8 Port AI (4–20mA, 0–10V OR PT100 jumper selectable) with Modbus RTU RS485. Power Source – 12–24V DC.

SD - IO - 8UI8UOM - E

8 Port Universal Input, 8 Port Universal Output with Modbus Master RS485 and Modbus TCP Ethernet Port. Web UI based configuration. Power Source – 12–24V DC.

SD - IO - 16UI8UOM - E

16 Port Universal Input (DI or AI), 8 Port Universal Output (DO or AO) with Modbus Master RS485 and Modbus TCP Ethernet Port. Web UI based configuration. Power Source – 12–24V DC.

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RoHS

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SD-IO-16UI8UOM

IO Module with 16 Port Universal Input, 8 Port Universal Output with Modbus RTU RS485. Universal Output – (DO – MOSFET) or (AO – 4–20mA/0–10V), selectable via registers in blocks of 4. AI – 4–20mA / 0–10V. Default setting is 10 bit (12 bit on request).

SD-IO-8UI8UOM

IO Module with 8 Port Universal Input, 8 Port Universal Output with Modbus RTU RS485. Input Power Source – 12–24V DC or 24V AC/DC. Universal Output – (DO – MOSFET) or (AO – 4–20mA/0–10V).

SD-IO-4AIAOM

IO Module with 4 Port Analog Input, 4 Port Analog Output with Modbus RTU RS485. Input Power Source – 12–24V DC or 24V AC/DC. Default – DIP Switch Setting (1–15 Addresses) & Baud Rate (9600–115200). Optional – Soft Setting (1–254 Addresses), Baud Rate (9600–115200), Parity (Even, Odd, None).

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IO Modules from Shreem Digital

Communication family: **Modbus Ethernet**

CE

RoHS

MAKE IN INDIA

SD - IO - 8AIME

8 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus TCP over Ethernet. Web UI based configuration. Default 10 bit / 12 bit optional. Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 4AIME

4 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus TCP over Ethernet. Web UI based configuration. Default 10 bit / 12 bit optional. Power Source – 12–24V DC.

SD - IO - 16DIME

16 Port DI (4–40VDC) with Modbus TCP over Ethernet. Web UI based configuration. Power Source – 12–24V DC.

SD - IO - 8DDME

8 Port DO (Relay based 10A 230V), 8 Port DI (4–30VDC) with Modbus TCP over Ethernet. Web UI based configuration. Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 8DOME

8 Port DO (Relay 10A 230V AC) with Modbus TCP over Ethernet. Web UI based configuration. Power Source – 12–24V DC or 24V AC/DC.

SD - IO - 4DDAME

4 Port DO (Relay based 10A 230V), 4 DI (4–30VDC), 4 AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus TCP over Ethernet. AI resolution of 10 bit / 12 bit. Web UI based configuration. Power Source – 12–24V DC or 24V AC/DC.

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IO Modules from Shreem Digital

Communication family: Ethernet MQTT

CE

RoHS

MAKE IN INDIA

SD - IO - 8AIME-MQTT

8 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus TCP over Ethernet with MQTT. Default 10 bit / 12 bit optional. Web UI based configuration. Power Source – 12–24V DC.

SD - IO - 16DIME-MQTT

16 Port DI (4–30VDC) with Modbus TCP over Ethernet with MQTT protocol. Web UI based configuration. Power Source – 12–24V DC.

SD - IO - 4AIME-MQTT

4 Port AI (4–20mA, 0–20mA, 0–5V, 0–10V) with Modbus TCP over Ethernet with MQTT. AI resolution of 10 bit / 12 bit optional. Web UI based configuration. Power Source – 12–24V DC.

SD - IO - 8DDME-MQTT

8 Port DO (Relay 10A 230V AC) with Modbus TCP over Ethernet with MQTT protocol. Web UI based configuration. Power Source – 12–24V DC.

SD - IO - 8DOME-MQTT

Source description is partially obscured in the supplied PDF; the visible text begins “0–10V) with Modbus TCP over Ethernet with MQTT...”.

SD - IO - 4DDAME-MQTT

Source description is partially obscured in the supplied PDF; the visible text includes “8 port DI (4–30VDC) with Modbus TCP over Ethernet w MQTT. Web UI based configuration. Power Source – 12–24V DC.”

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