Sedomat 6010

DESIGNED FOR INDUSTRY 4.0

Cost-effective, 10-inch LCD, high automation degree

Designed for the Smart Factory

The Sedomat 6010 is a cost-effective solution for a high degree automation specially designed to meet the requirements of Industry 4.0. By bringing the benefits of the premium controllers together, it comes with a user-friendly **10" touch display** and is equipped with Modbus RTU (RS232). The new series completes the Sedomat 6000/8000 controllers with its modularity and advanced capabilities. It already includes a PLC, which can be adapted with programming tools and can be optionally equipped with internal and external I/O boards to meet the different requirements of yarn, fabric and other types of dyeing machines.

Due to the integration of SedoMaster and other dye house systems via Ethernet, OPC UA and MQTT interfaces the Sedomat 6010 series can realize a more sustainable competitive production. Also, data acquisition or the use of Sedomat 6010 as production client is possible by optional RFID support.

Like all Sedo Treepoint controllers the Sedomat 6010 series guarantees high quality and reliability in rugged production environments.

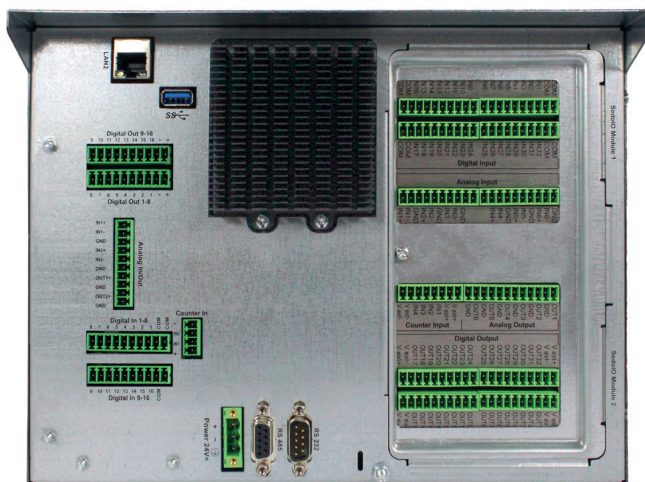## SedoTreepoint

Experts in process optimization

Internal I/O board options

- Embedded internal I/O board IO16/2 with 16 digital I/Os, 4 software counters (4 kHz), 2 hardware counters (10 kHz), 2 analog inputs, 2 analog outputs
- Internal I/O board 32/6 with 32 digital I/Os, 4 software counters (4 kHz), 4 hardware counters (10 kHz), 6 analog inputs, 6 analog outputs

Specifications		Sedomat 6010
Capacitive touch display		10"
Bus systems	CANopen®	-
	PROFIBUS DP®*	-
	Modbus RTU (RS232/485)	✓
	Modbus TCP	✓
Internal I/O boards	I/O board IO16/2*	1
	I/O board IO32/6*	1
SedoIO	Internal modules*	2
	External modules*	1
Internal I/O boards	RS232 interface	✓
	RS485 interface	✓
Ethernet (RJ45), 1 GBit/s		1
USB 2.0 port / USB 3.1 port		-/1
Wi-Fi		-
OpenVPN Client		✓
OPC UA Server, MQTT Server		✓
RFID reader*		✓
mPCIe slot		-
mSATA slot		-
IP67 protection		✓
Power supply 24 V DC, 1.0 A		✓
Ambient temperature 0 - 60 °C (32 - 140 °F)		✓
Dimensions (wxhxd)		285 x 216 x 65 mm
Panel cut-out (wxh)		270 x 196 mm ± 1 mm

*Optional configuration, customized to individual needs.

▲ Connections and interfaces Sedomat 6010

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