SECOM 777TCE

Windows CE controller for discontinuous dyeing processes

Simplest operation, outstanding efficiency and a high degree of security – that's the unique operation concept of the SECOM 777TCE. The resistive touch screen allows an interactive operation – direct and straightforward. Based on Windows CE.net the SECOM 777TCE is maintenance-free due to its fanless technology and is therefore the ideal choice for a long term industrial operation.

With the modular I/O concept, a performance and cost effective adaptation to all kinds of dyeing machines can be realized, according to the complexity of today's yarn, piece or other types of dyeing machines.

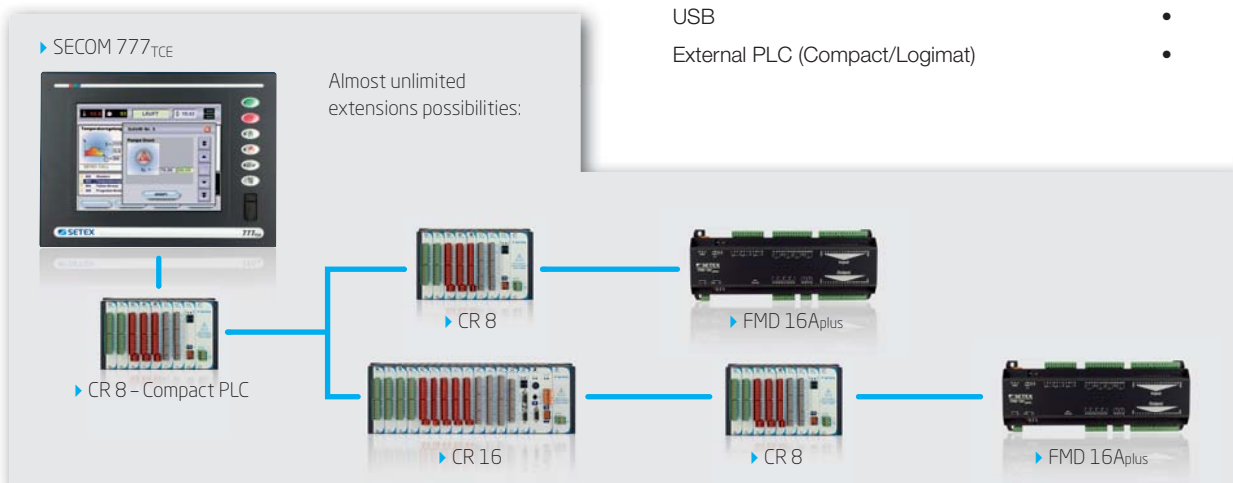The SECOM 777TCE with integrated PLC is used together with a decentral In-/Output System (FMD modules).

▸ SECOM 777TCE

▸ Application

- Automation of all discontinuous program controlled processes in a dyehouse

SECOM 777TCE	
TFT display	10.4"
Resolution	VGA
Touch control	•
Functionality	
Parallel functions	12
Maximum no. of functions	200
Look ahead/batch overlapping	•
Statistics	•
Integrated formula/time management	•
Short intervention/manual functions	•
User management	•
Production data acquisition (PDA)	•
Internet service portal	•
Data transfer and backup	USB stick
Interface	
Ethernet (OrgaTEX.MES)	•
USB	•
External PLC (Compact/Logimat)	•

▸ Application example

▸ SECOM 777TCE

Almost unlimited extensions possibilities:

▸ CR 8 – Compact PLC

▸ CR 8

▸ FMD 16Aplus

▸ CR 16

▸ CR 8

▸ FMD 16Aplus

▶ Specification

Hardware:

Mass-storage-system: industrial CF card

Display:

10.4" TFT color display
Resolution: 640 x 480 Pixel

Functions:

Each step: 1 main/12 parallel with
                       6 function parameters each
Number of functions: 200 out of 1000
Programs: max. 9999

Interfaces:

RJ45:   Ethernet, 10/100 MBit
                       (OrgaTEX.MES)
Arcnet: SETEX PLC
USB: 2 x USB (front, rear)

Integrated UPS:

Power loss protection for minimum 10 sec

▶ Bottom view SECOM 777_{TCE}

Außenmaße/Overall dimensions/Габариты: 350 x 262 x 115 mm

▶ Panel cut out: 325 x 236 mm (W x H)
▶ Depth: 111 mm (without connector)

Input voltage:

Nominal voltage: 24 V DC
Range permitted: 18–36 V DC

Power consumption:

Operation: 22 VA
Inrush current: up to 10 A for max. 5 ms

Protection system:

Front: IP 54
Rear: IP 22

Ambient temperature:

Operation: 0–50 °C (32–122 °F)
Storage: 0–70 °C (32–158 °F)
Relative humidity: 15–95% no condensation

The unit is built in conformity with the following standards:

Emitted Interference: DIN EN 55022
                        DIN EN 61000-6-4
Interference resistance: DIN EN 61000-6-2
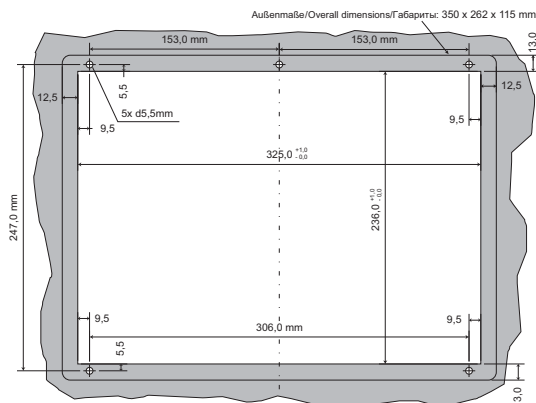Security: DIN EN 60950-1

Dimensions (W x H x D):

350 x 262 x 115 mm (without connector)

Weight: approx. 4450 g

▶ Scope of delivery

Art. no. STS39001

1 Controller SECOM 777_{TCE}
incl. connecting devices and mounting devices

▶ Accessories

Art. no. BGS38550

1 Touch screen protector foil

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