Product dashboard

Siemens E10433-E0308-H110 is a SICLOCK TS plant master clock with configurable synchronization inputs, point-to-point time outputs and Ethernet time distribution. It mounts in a control cabinet and supervises its time sources through local status and alarm functions.

Exact model	Product type	System	Time outputs
E10433-E0308-H110	Master Clock	SICLOCK TS	TTY / RS422 / IRIG

PARAMETER	DOCUMENTED VALUE
Exact model	E10433-E0308-H110
Product family	SICLOCK TS V2.0
Hardware type	Plant master clock
Synchronization inputs	TTY 20 mA / TTY 40 mA / RS422 / IRIG
Time outputs	TTY / RS422 / IRIG
Ethernet	10BASE5 / 10BASE-T / ITP
LAN channels	Up to 20 configured destinations
Alarm relay	Isolated change-over contact
PC interface	RS232, 9-pin Sub-D

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

E10433-E0308-H110

System and signal path

Siemens E10433-E0308-H110 forms the central time-reference node for a plant, converting an approved external source into configured TTY, RS422, IRIG and Ethernet timing paths.

Plant time distribution

Distributes a controlled time reference to automation and monitoring systems.

GPS or DCF synchronization

Accepts the retained external clock source through the documented input path.

IRIG integration

Receives and transmits configured IRIG-A or IRIG-B timing formats.

Ethernet synchronization

Serves configured LAN destinations while preserving source, protocol and cycle settings.

SYSTEM POSITION	CONTROLLED RECORD
Identity	E10433-E0308-H110
Host	SICLOCK TS
Role	plant-wide time synchronization and distribution

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

E10433-E0308-H110

Technical data map

PARAMETER	VALUE
Exact model	E10433-E0308-H110
Product family	SICLOCK TS V2.0
Hardware type	Plant master clock
Synchronization inputs	TTY 20 mA / TTY 40 mA / RS422 / IRIG
Time outputs	TTY / RS422 / IRIG
Ethernet	10BASE5 / 10BASE-T / ITP
LAN channels	Up to 20 configured destinations
Alarm relay	Isolated change-over contact

PARAMETER	VALUE
PC interface	RS232, 9-pin Sub-D
Auxiliary output	24 V / 0.5 A isolated
Supply range	24-110 V DC or 90-250 V DC or 90-230 V AC
Power frequency	50 / 60 Hz for AC supply
Mounting	35 mm DIN rail or SIMATIC S5 profile rail
Required clearance	50 mm above and below
Protection	IP20
Operating temperature	0 to 50 C

Configuration boundary

Preserve the exact SICLOCK TS relationship and every setting tied to E10433-E0308-H110.

Release boundary

Record diagnostics and a controlled test of plant-wide time synchronization and distribution.

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

E10433-E0308-H110

Applications and service checks

1. Confirm E10433-E0308-H110 and the SICLOCK TS V2.0 identity before work.
2. Record the active synchronization source and every A1, A2, A3, IRIG and LAN assignment.
3. Place dependent controllers and time consumers in the approved maintenance state.
4. Isolate the supply at the external 10 A protective device and verify protective earth continuity.
5. Maintain 50 mm clearance above and below the unit and lock the rail fastening.
6. Restore X1, X2, X3 and network connections without changing polarity, shielding or pin assignments.
7. After energization, verify U1-U3 indications, the display, source status and alarm relay state.
8. Compare distributed time at representative consumers before returning E10433-E0308-H110 to service.

CONTACT APTER POWER

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com

E10433-E0308-H110

Engineering FAQ and related products

Which synchronization inputs can Siemens E10433-E0308-H110 accept?

The SICLOCK TS provides TTY, RS422 and IRIG input paths, including the documented GPS1000 and DCF arrangements.

How many Ethernet destinations can Siemens E10433-E0308-H110 configure?

Up to twenty LAN channels can be assigned with destination, protocol and transmission-cycle settings.

Which output interfaces are available on Siemens E10433-E0308-H110?

The unit provides TTY, RS422 and IRIG outputs through the documented X2 and X8 connections.

How is Siemens E10433-E0308-H110 mounted?

It snaps onto a 35 mm DIN rail or a SIMATIC S5 standard profile rail in an accessible cabinet position.

Related Siemens product pages

- Siemens 6GK7542-1AX10-0XE0 — View product page
- Siemens 6GK5004-1BD00-1AB2 — View product page
- Siemens 6GK5206-2BD00-2AC2 — View product page

CONTACT APTER POWER

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com

E10433-E0308-H110