1

01 Identity and operating boundary

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.

Primary task

Confirm E10433-E0308-H110 and the SICLOCK TS V2.0 identity before work.

Product family	SICLOCK TS V2.0
Hardware type	Plant master clock

Independent verification

Record the active synchronization source and every A1, A2, A3, IRIG and LAN assignment.

Identity	E10433-E0308-H110
Host	SICLOCK TS

CONTROL	REQUIRED RESULT
Configuration	plant-wide time synchronization and distribution
Release	Recorded diagnostics and function
Hold point	Any identity or interface mismatch

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

E10433-E0308-H110

2

02 Interface and configuration map

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.

Primary task

Place dependent controllers and time consumers in the approved maintenance state.

Hardware type	Plant master clock
Synchronization inputs	TTY 20 mA / TTY 40 mA / RS422 / IRIG

Independent verification

Isolate the supply at the external 10 A protective device and verify protective earth continuity.

Identity	E10433-E0308-H110
Host	SICLOCK TS

CONTROL	REQUIRED RESULT
Configuration	plant-wide time synchronization and distribution
Release	Recorded diagnostics and function
Hold point	Any identity or interface mismatch

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

E10433-E0308-H110

3

03 Installation sequence

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.

Primary task

Maintain 50 mm clearance above and below the unit and lock the rail fastening.

Synchronization inputs	TTY 20 mA / TTY 40 mA / RS422 / IRIG
Time outputs	TTY / RS422 / IRIG

Independent verification

Restore X1, X2, X3 and network connections without changing polarity, shielding or pin assignments.

Identity	E10433-E0308-H110
Host	SICLOCK TS

CONTROL	REQUIRED RESULT
Configuration	plant-wide time synchronization and distribution
Release	Recorded diagnostics and function
Hold point	Any identity or interface mismatch

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

E10433-E0308-H110

4

04 Diagnostics and functional verification

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.

Primary task

After energization, verify U1-U3 indications, the display, source status and alarm relay state.

Time outputs	TTY / RS422 / IRIG
Ethernet	10BASE5 / 10BASE-T / ITP

Independent verification

Compare distributed time at representative consumers before returning E10433-E0308-H110 to service.

Identity	E10433-E0308-H110
Host	SICLOCK TS

CONTROL	REQUIRED RESULT
Configuration	plant-wide time synchronization and distribution
Release	Recorded diagnostics and function
Hold point	Any identity or interface mismatch

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

E10433-E0308-H110

5

05 Acceptance and service handover

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.

Primary task

Confirm E10433-E0308-H110 and the SICLOCK TS V2.0 identity before work.

Ethernet	10BASE5 / 10BASE-T / ITP
LAN channels	Up to 20 configured destinations

Independent verification

Record the active synchronization source and every A1, A2, A3, IRIG and LAN assignment.

Identity	E10433-E0308-H110
Host	SICLOCK TS

CONTROL	REQUIRED RESULT
Configuration	plant-wide time synchronization and distribution
Release	Recorded diagnostics and function
Hold point	Any identity or interface mismatch

Related Siemens product pages

- **Siemens 6GK1543-1AA01 — View product page**
- **Siemens 6GK1162-3AA00 — View product page**
- **Siemens 6GK1503-3CD00 — View product page**

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

E10433-E0308-H110