

6ED1055-4MH08-0BA0

LOGO! TDE Text Display

PUBLISHED IDENTITY

Siemens 6ED1055-4MH08-0BA0 is a LOGO! TDE external text display for the LOGO! 8 platform. It provides a six-line operator display, programmable keys and two Ethernet interfaces for connection to a LOGO! Base Module, PC or another LOGO! TDE.

Technical snapshot

Product family	LOGO! 8
Product type	LOGO! TDE external text display
Order number	6ED1055-4MH08-0BA0
Display	Six text lines with white, amber or red backlight
Programmable function keys	4
Cursor keys	4, plus ESC and ENTER
Ethernet interfaces	2
Ethernet performance	10/100 Mbit/s full- or half-duplex

Verified related ApterPower product pages

Siemens 6AV2124-0GC01-0AX0

Siemens 6ES7417-4HL04-0AB0

Engineering data

Official evidence organized for exact-model review

Product family	LOGO! 8
Product type	LOGO! TDE external text display
Order number	6ED1055-4MH08-0BA0
Display	Six text lines with white, amber or red backlight
Programmable function keys	4
Cursor keys	4, plus ESC and ENTER
Ethernet interfaces	2
Ethernet performance	10/100 Mbit/s full- or half-duplex
Power supply	12 V DC or 24 V AC/DC

Typical current at 12 V DC	150 mA with Ethernet and white backlight active
Typical current at 24 V DC	75 mA with Ethernet and white backlight active
Typical current at 24 V AC	145 mA with Ethernet and white backlight active
Protection rating	IP20 behind the panel; IP65 at the front panel
Ethernet connection distance	30 m maximum
Backlight lifetime	20,000 hours
Display lifetime	50,000 hours
Software identification	Scannable by LOGO!Soft Comfort V8.2 and later

EVIDENCE BOUNDARY

Confirm the complete Siemens 6ED1055-4MH08-0BA0 order number, LOGO! Base Module compatibility, supply and saved TDE configuration before installation.

Applications and system role

Four distinct documented operating contexts

REMOTE LOGO! OPERATOR DISPLAY

Shows configured messages and parameters away from the Base Module's built-in display.

CONTROL-PANEL NAVIGATION

Uses cursor, function, ESC and ENTER keys for programmed operation and menu access.

LOGO! NETWORK ACCESS

Connects to the selected Base Module through an engineered Ethernet arrangement.

DIAGNOSTICS AND PARAMETER SERVICE

Provides TDE menus for network settings, diagnostics and approved remote Base Module settings.

Integration control

The two Ethernet ports can operate as a small two-port switch and link the display with the selected LOGO! Base Module. Separate menus provide remote Base Module settings, TDE configuration, network setup and diagnostics. Before replacement, retain the display messages, key assignments, selected Base Module address, TDE network settings and cabinet cutout arrangement; after startup, confirm communications, menu access and every programmed operator function.

Verified related ApterPower product pages

Siemens 6ES7417-5HT06-0AB0

Siemens 6ES7431-7QH00-0AB0

Technical questions

Complete model-specific answers from the approved evidence set

What is Siemens 6ED1055-4MH08-0BA0 used for?

Siemens 6ED1055-4MH08-0BA0 provides an external LOGO! TDE operator display for messages, parameter access, navigation and programmed key functions.

Which operator keys are available on Siemens 6ED1055-4MH08-0BA0?

The unit provides four programmable function keys, four cursor keys, an ESC key and an ENTER key.

Which enclosure protection applies to 6ED1055-4MH08-0BA0?

The TDE is rated IP20 behind the panel and IP65 at the front when it is mounted with the specified seal and enclosure arrangement.

What should be saved before 6ED1055-4MH08-0BA0 is replaced?

Maintenance personnel should save the LOGO! project, message texts, key assignments, TDE settings, selected Base Module address and network parameters.

How many Ethernet ports does 6ED1055-4MH08-0BA0 provide?

The LOGO! TDE provides two Ethernet interfaces that support 10/100 Mbit/s full- or half-duplex communication.

What supply can power Siemens 6ED1055-4MH08-0BA0?

Siemens specifies either 12 V DC or 24 V AC/DC external power for the LOGO! TDE.

Can LOGO!Soft Comfort identify Siemens 6ED1055-4MH08-0BA0?

LOGO!Soft Comfort V8.2 and later can scan and identify the 6ED1055-4MH08-0BA0 TDE.

How is Siemens 6ED1055-4MH08-0BA0 accepted after installation?

Acceptance should confirm power, Ethernet communication, LOGO!Soft Comfort detection, menu access, diagnostics, backlight states and every programmed key and message function.

Product precautions

Eight aligned controls before return to service

1

Record the complete Siemens 6ED1055-4MH08-0BA0 order number and installed LOGO! project.

2

Place the controlled process, Base Module and TDE supply in the approved maintenance state.

3

Back up message texts, function-key assignments, menu settings and network parameters.

4

Label both Ethernet connections and record the selected Base Module IP address.

5

Verify the external 12 V DC or 24 V AC/DC supply before reconnecting the power plug.

6

Inspect the panel seal, mounting brackets, protective earth and Ethernet connectors.

7

Confirm LOGO!Soft Comfort detection, menu access, diagnostics and backlight behavior after startup.

8

Exercise every programmed key, message and operator function before release.

Verified related ApterPower product pages

Siemens 6ES7417-4XL04-0AB0

Siemens 6ES7334-0CE01-0AA0

Siemens 6ES7235-0KD22-0XA0

Siemens 6ES7314-6BH04-0AB0

Evidence and support

Manufacturer references, related products and direct contact

Manufacturer evidence used

- Siemens LOGO! System Manual, July 2022, A5E33039675-AK, LOGO! TDE identification, installation, wiring and technical-data sections.
- Siemens LOGO! TDE compatibility and LOGO!Soft Comfort device-identification tables.
- Siemens LOGO! TDE Ethernet, power, protection and display specifications.

Verified related ApterPower product pages

Siemens 6ES7517-3AP00-0AB0

Siemens 6ES7315-2EG10-0AB0

Siemens 6ES7193-4CD30-0AA0

Siemens 6ES7214-1BD23-0XB0

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