Schneider Electric XBTGT2220

Touchscreen Panel / Exact identity and technical profile

The technical profile fixes the panel size, QVGA resolution, 24 V DC supply and the documented replacement interface difference.

Display size	5.7 inch
Resolution	320 x 240 pixels
Display format	QVGA
Supply	24 V DC
Device class	Touchscreen operator panel
Named replacement	HMIGTO2310

TECHNICAL MARKER

5.7-inch touchscreen

TECHNICAL MARKER

320 x 240 QVGA display

TECHNICAL MARKER

24 V DC supply

TECHNICAL MARKER

HMIGTO2310 migration path

Technical boundary

The exact model and its published data govern this reference. Similar family names, suffixes or physical appearance do not establish the same electrical or software behavior.

Identity evidence	Read XBTGT2220 from the installed label and procurement record
Function evidence	Confirm the published touchscreen panel role in the Magelis XBT GT system
Configuration evidence	Retain the project, mapping, range, address or interface assigned to this position
Release evidence	Link final diagnostics to a witnessed field or operator response

TECHNICAL DECISION

Accept XBTGT2220 only when its identifier and installed-system role agree.

CHANGE BOUNDARY

Any redesign beyond the documented XBTGT2220 position requires separate engineering approval.

Schneider Electric XBTGT2220

Touchscreen Panel / Published characteristics

This matrix groups the published XBTGT2220 characteristics that control identification, configuration and engineering review. Each entry remains tied to the exact touchscreen panel record.

Display size	5.7 inch
Resolution	320 x 240 pixels
Display format	QVGA
Supply	24 V DC
Device class	Touchscreen operator panel
Named replacement	HMIGTO2310
Conversion software	Vijeo Designer 6.1 or later
Replacement COM1	RS-232 only

INTERPRETATION

Use every XBTGT2220 value with the exact installed configuration.

DESIGN RECORD

Retain the drawing, project and channel or interface assignments that make XBTGT2220 data actionable.

Nameplate check	Manufacturer and full reference agree with the controlled record
Range check	Published operating or signal data agree with the configured use
Interface check	Backplane, terminal, cable, network or memory arrangement is documented
Limit check	Loading, channel count, supply or lifecycle constraint is reviewed
Evidence close	Source title and applicable product record are retained with the decision

NO BORROWED VALUES

Another Schneider Electric suffix cannot fill a missing XBTGT2220 parameter.

ENGINEERING OUTPUT

Record the exact value used, its purpose and any unresolved item before selection.

Schneider Electric XBTGT2220

Touchscreen Panel / System role and data flow

Machine visualization

Shows process values and status from the configured controller.

Touch operation

Provides project-defined navigation and operator command entry.

Alarm interaction

Displays and acknowledges the alarm functions built into the HMI project.

Controlled HMI migration

Moves the validated application to HMIGTO2310 after port and project review.

Signal and configuration path

Field layer	Sensors, loads, terminal or operator interface assigned by the design
Module layer	XBTGT2220 performs its published touchscreen panel role
Control layer	PLC project, address map or runtime application interprets the exchanged data
Acceptance layer	Diagnostics and intended process response are witnessed together

Engineering boundary

Application examples describe system roles only. They do not establish automatic interchangeability, replacement approval or suffix equivalence.

Observed input	Field, network or operator condition presented to XBTGT2220
Published action	The documented touchscreen panel function processes that condition
Configured interpretation	PLC logic, HMI project or station mapping assigns system meaning
Expected output	A defined state, value, message or command is produced
Acceptance proof	The complete path is witnessed under controlled conditions

APPLICATION RECORD

Tie each XBTGT2220 use case to the installed drawing or project tag.

EXCEPTION CONTROL

Document and resolve any behavior that differs from the approved response.

Schneider Electric XBTGT2220

Touchscreen Panel / Engineering decisions

SUPPORTED IDENTITY

XBTGT2220

PUBLISHED FUNCTION

Touchscreen Panel

SYSTEM CONTEXT

Magelis XBT GT

UNSUPPORTED INFERENCE

A nearby model, suffix or family resemblance

Model-specific questions

What display does Schneider Electric XBTGT2220 use?

It has a 5.7-inch touchscreen with 320 x 240 QVGA resolution.

Which hardware replaces Schneider Electric XBTGT2220?

Schneider Electric identifies HMIGTO2310 as the replacement panel.

What COM-port difference matters when replacing Schneider Electric XBTGT2220?

The HMIGTO2310 COM1 port is RS-232 only, so the original interface use must be checked.

What mounting checks apply to Schneider Electric XBTGT2220?

Inspect the cutout, gasket surface, fasteners, enclosure condition and rear connector clearance.

What supply is specified for Schneider Electric XBTGT2220?

The exact product record specifies 24 V DC.

Which software version supports Schneider Electric XBTGT2220 migration?

The replacement FAQ specifies Vijeo Designer version 6.1 or later.

What should be archived before servicing Schneider Electric XBTGT2220?

Retain the project, recipes, communications, alarm definitions and required operating data.

How is Schneider Electric XBTGT2220 commissioned?

Test every screen, touch target, alarm, user level and PLC data path under the approved procedure.

Decision closeout

Close the XBTGT2220 technical review with the exact identifier, applicable published limits and the installed configuration assumptions explicitly recorded.

Question coverage	Identity, function, configuration and field handling addressed
Open item	Any unanswered exact-model point is listed without guessed data
Decision owner	Responsible engineering or maintenance role identified
Supporting record	Drawing, project revision, readings and witnessed result attached

APPROVAL

The XBTGT2220 decision is accepted only within the documented scope.

REVIEW TRIGGER

A different suffix, wiring arrangement, project or application requires a new review.

Schneider Electric XBTGT2220

Touchscreen Panel / Evidence and support

Exact product	Schneider Electric XBTGT2220
Technical class	Touchscreen Panel
Platform	Magelis XBT GT
Evidence use	Exact-model characteristics and engineering boundary
Record with	Installed drawing, project and acceptance evidence

Retained evidence	Nameplate, source title, configuration baseline and field record
Installation evidence	Isolation, conductor/connector record and post-work inspection
Commissioning evidence	Diagnostics, measurements and intended response
Final record	Responsible witness, date, exceptions and approved disposition

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Schneider Electric 140NOM21200	View Schneider Electric 140NOM21200 page
Schneider Electric ATV61HD37N4	View Schneider Electric ATV61HD37N4 page

MANUFACTURER EVIDENCE RECORD

Schneider Electric XBTGT2220 Product Page and Replacement FAQ

Exact-model display and migration guidance

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

Send the exact model, quantity, destination and requested condition for a quotation.