

5MP050.0653-03

Mobile Panel MP50 handheld operator terminal

B&R 5MP050.0653-03 is a Mobile Panel MP50 handheld operator terminal. It performs the documented Control Panels system role in the approved industrial installation.

BRAND	B&R	FAMILY	Control Panels
PART	5MP050.0653-03	SYSTEM ROLE	Provides the documented mobile panel mp50 handheld operator terminal function

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5MP050.0653-03

MANUFACTURER SOURCE RECORD

B&R 5MP050.0653-03 product data
B&R product record 5MP050.0653-03

Product Overview

SYSTEM FUNCTION

B&R 5MP050.0653-03 is a Mobile Panel MP50 handheld operator terminal. It performs the documented Control Panels system role in the approved industrial installation.

FUNCTION 1

Provides the documented mobile panel mp50 handheld operator terminal function

FUNCTION 2

Uses exact B&R article identity 5MP050.0653-03

FUNCTION 3

Integrates with the matched Control Panels hardware

FUNCTION 4

Supports controlled diagnostics and functional verification

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Control Panels
Primary interface	Provides the documented mobile panel mp50 handheld operator terminal function
Engineering context	The component is used with the exact carrier, terminal, power, signal and network arrangement approved for B&R 5MP050.0653-03. Commissioning preserves the installed configuration and verifies controlled system response.
Commissioning duty	Complete a controlled functional test and retain the acceptance result before production release.

TECHNICAL NOTE

Verify cable type, stop/enable wiring, HMI project, Ethernet settings and touch/key operation before using the panel for machine motion.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Display	6.5 inch VGA TFT	USB	USB 1.1
Resolution	640 x 480	Keys	31
Touch	Resistive	Safety controls	Stop; two enable switches
Processor	Intel PXA270; 416 MHz	Supply	24 V DC +/-25%
DRAM	256 MB	Power consumption	9.6 W
Flash	128 MB	Protection	IP65
Ethernet	10/100 Mbit/s		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Anybus AB5030-B	Related industrial automation product	View Anybus AB5030-B page
B&R X20CP3585	Related industrial automation product	View B&R X20CP3585 page
B&R 3CP340.60-2	Related industrial automation product	View B&R 3CP340.60-2 page
B&R X67SM2436	Related industrial automation product	View B&R X67SM2436 page
B&R 80SD100XD.C0XX-21	Related industrial automation product	View B&R 80SD100XD.C0XX-21 page
B&R 7EX290.50-1	Related industrial automation product	View B&R 7EX290.50-1 page
B&R X20AI2237	Related industrial automation product	View B&R X20AI2237 page
B&R X20AT6402	Related industrial automation product	View B&R X20AT6402 page

ENGINEERING BOUNDARY

Confirm B&R 5MP050.0653-03, Control Panels host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Applications and Precautions

Common Applications

Control Panels system maintenance

Restores the documented mobile panel mp50 handheld operator terminal function in an engineered installation.

Control-panel modernization

Preserves the approved B&R hardware identity during a controlled system upgrade.

Installed-interface verification

Confirms the documented display and resolution before process release.

Controlled recommissioning

Verifies configuration, diagnostics and field response after maintenance or replacement.

Product Precautions

- 1

Confirm the complete B&R 5MP050.0653-03 marking and installed Control Panels position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record power, signal, network, terminal and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.
- 5

Verify display (6.5 inch VGA TFT) against the installed project and connected hardware.
- 6

Verify resolution (640 x 480) and restore only the approved configuration.
- 7

Energize in the prescribed sequence and review module, host and network diagnostics.
- 8

Complete a controlled functional test and retain the acceptance result before production release.

IMPORTANT NOTICE

Confirm B&R 5MP050.0653-03, Control Panels host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	5MP050.0653-03
Configuration	Energize in the prescribed sequence and review module, host and network diagnostics.
Functional release	Complete a controlled functional test and retain the acceptance result before production release.

Engineer FAQ

Q1 Which Control Panels position accepts 5MP050.0653-03?

Use the approved Control Panels position and confirm the complete B&R 5MP050.0653-03 article identity.

Q3 Which value is checked first for 5MP050.0653-03?

Check display: 6.5 inch VGA TFT.

Q5 What should be recorded before removing 5MP050.0653-03?

Record every power, signal, network, terminal and configuration assignment.

Q7 How is 5MP050.0653-03 recommissioned?

Restore the approved hardware and project, then review diagnostics in the prescribed startup sequence.

Q2 Which documented function does 5MP050.0653-03 provide?

It provides the documented mobile panel mp50 handheld operator terminal role in the configured system.

Q4 Which second interface value governs 5MP050.0653-03?

Verify resolution: 640 x 480.

Q6 How is 5MP050.0653-03 handled safely?

Isolate applicable energy, apply ESD controls and protect all connectors and terminals.

Q8 What releases 5MP050.0653-03 to service?

A controlled functional test with the expected response and no unresolved diagnostics.

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