

BKDC-16-0045

Operator Interface

UniOP BKDC-16-0045 is a legacy colour flat-panel operator interface in the BKDC-16 family. The BKDC-16 platform combines a 5.6-inch STN 16-colour display, a 37-key operator keypad and programmable industrial communication ports.

IDENTITY	VERIFIED VALUE
Manufacturer	UniOP
Complete model	BKDC-16-0045
Product role	Operator Interface
System family	UniOP BKDC-16
Country of origin	Italy

DOCUMENT SCOPE

Exact identity, verified technical data, installation checks, applications, precautions and controlled acceptance records for this model.

APTER POWER SALES TEAM

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



Technical Specifications

PARAMETER	VERIFIED VALUE
Complete model	BKDC-16-0045
Product type	Colour flat-panel operator interface
Display	5.6-inch STN, 16 colours
Operator input	37-key keypad
User memory	32 MB family specification
Interfaces	PLC, PC/printer, AUX and external keyboard ports
Lifecycle	Legacy/discontinued family
Country of origin	Italy

System Role and Core Functions

UniOP BKDC-16-0045 is a legacy colour flat-panel operator interface in the BKDC-16 family. The BKDC-16 platform combines a 5.6-inch STN 16-colour display, a 37-key operator keypad and programmable industrial communication ports.

FUNCTION 1 5.6-inch 16-colour operator display	FUNCTION 2 37-key membrane keypad
FUNCTION 3 Programmable PLC communication	FUNCTION 4 PC, auxiliary and keyboard interfaces

Common Applications

APPLICATION	ENGINEERING CONTEXT
Machine operator interface	Displays process values, alarms and commands for the programmed industrial controller.
Legacy panel replacement	Restores the exact BKDC-16-0045 identity in an installed machine.
PLC communication	Uses the documented UniOP PLC port and approved protocol adapter.
Maintenance access	Provides PC/printer and auxiliary interfaces for approved project transfer and service tasks.

Engineering Precautions

- Verify the complete BKDC-16-0045 marking and power label.
- Back up the UniOP project and communication settings before removal.
- Record every PLC, PC/printer, AUX and keyboard connection.
- Remove panel and field power before wiring or connector work.
- Use the documented communication adapter and cable pinout.
- Protect the display, membrane keys and rear connectors from damage.
- Do not load a project from another machine without controlled review.
- Test display, keys, alarms and PLC communication before release.

MODEL-SPECIFIC BOUNDARY

Record the complete BKDC-16-0045 marking, power label, PLC-port adapter, project file and communication settings before replacement. Preserve the installed application and verify every key, display area and communication link before release.

Model-Specific FAQ

QUESTION	ANSWER
What is UniOP BKDC-16-0045?	It is a colour flat-panel operator interface in the legacy UniOP BKDC-16 family.
What display does the BKDC-16 family use?	The EXOR archive identifies a 5.6-inch STN display with 16 colours.
How many keys are provided?	The BKDC-16 family is documented with a 37-key operator keypad.
Which connections are available?	The manufacturer installation guide identifies PLC, PC/printer, AUX and external keyboard ports for the BKDC-16 family.
Is BKDC-16 still a current product family?	No. The EXOR archive identifies the BKDC-16 family as discontinued.
What must be backed up before replacement?	Preserve the project file, protocol selection, node settings, recipes and site-specific communication data.
Can any PLC cable be used?	No. Use the protocol-specific UniOP adapter and the documented pinout for the installed controller.
What confirms a successful replacement?	The correct project loads, all keys and display areas work, and every approved controller link communicates without error.

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