

HDC 24B DODQ 4B0**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Version	HDC enclosures, Installation size: 8, Protection degree: IP65, in plugged condition, Cover for lower part of housing, Side-locking clamp on lower side, Standard
Order No.	1665630000
Type	HDC 24B DODQ 4B0
GTIN (EAN)	4008190422653
Qty.	1 items

HDC 24B DODQ 4B0

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

Dimensions and weights

Height	17 mm	Height (inches)	0.6693 inch
Width	43 mm	Width (inches)	1.6929 inch
Net weight	82.72 g		

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

Chemical resistance

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel
Chemical resistance	Resistant
Substance	Ethyl alcohol
Chemical resistance	Resistant
Substance	Transmission oil
Chemical resistance	Resistant
Substance	Hydraulic oil
Chemical resistance	Resistant
Substance	Coolant
Chemical resistance	Resistant
Substance	Petroleum benzine
Chemical resistance	Resistant
Substance	Sweat
Chemical resistance	Resistant
Substance	Premium gasoline
Chemical resistance	Conditionally resistant
Substance	Water
Chemical resistance	Resistant
Substance	UV
Chemical resistance	Unstable
Substance	Ozone
Chemical resistance	Unstable

Dimensions

Cable entry	For bases	Width housing C	43 mm
Total length housing	120 mm	Height of housing B	17 mm

HDC 24B DODQ 4B0

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

General data

Housing main material	diecast aluminium	Surface finish	Powder coating
Protection degree	IP65, in plugged condition	EMC housings	No
Material of locking element	Stainless steel, rust-proof		

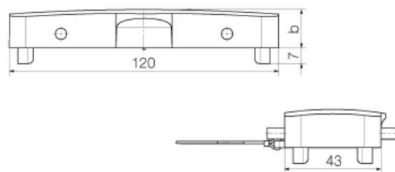
Version

Top part/bottom part/lid	Cover	Design of housing	Cover for lower part of housing
Design of locking system	Side-locking clamp on lower side	Design	Standard
Installation size	8	Cable entry	For bases
Type	Cover	Clamp version	Side-locking clamp
Colour (RAL)	RAL 7035	BG	8
Suitable for ModuPlug®	Yes		

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 9.0	27-44-02-02
ECLASS 9.1	27-44-02-02	ECLASS 10.0	27-44-02-02
ECLASS 11.0	27-44-02-02	ECLASS 12.0	27-44-02-02
ECLASS 13.0	27-44-02-02	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

Drawings



HDC 24B DODQ 4B0

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

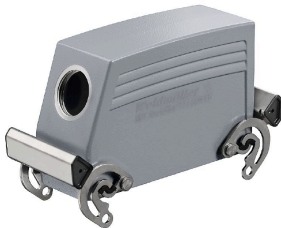
D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Hood, Cable Entry sideways



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Type	HDC 24B TSBO 1PG21G	Version
Order No.	1661860000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418397	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, Standard, Size of cable entries: PG 21
Type	HDC 24B TSBO 1PG29G	Version
Order No.	1661880000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418410	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, Standard, Size of cable entries: PG 29
Type	HDC 64D TSBO 1PG21G	Version
Order No.	1661940000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418472	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, high, Size of cable entries: PG 21
Type	HDC 64D TSBO 1PG29G	Version
Order No.	1661960000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418496	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, high, Size of cable entries: PG 29
Type	HDC 64D TSBO 1M32G	Version
Order No.	1786790000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248204038	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, high, Size of cable entries: M 32
Type	HDC 64D TSBO 1M25G	Version
Order No.	1786800000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248204045	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, high, Size of cable entries: M 25
Type	HDC 24B TSBO 1M32G	Version
Order No.	1787770000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248205219	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, Standard, Size of cable entries: M 32
Type	HDC 24B TSBO 1M25G	Version
Order No.	1787780000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248205226	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, Standard, Size of cable entries: M 25

HDC 24B DODQ 4B0

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Hood, Cable Entry at top



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Type	HDC 24B TOBO 1PG29G	Version
Order No.	1662020000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418540	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, Standard, Size of cable entries: PG 29
Type	HDC 64D TOBO 1PG21G	Version
Order No.	1662080000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418601	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, high, Size of cable entries: PG 21
Type	HDC 64D TOBO 1PG29G	Version
Order No.	1662100000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418625	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, high, Size of cable entries: PG 29
Type	HDC 24B TOBO 1M32G	Version
Order No.	1787830000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248205271	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, Standard, Size of cable entries: M 32

HDC 24B DODQ 4B0

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Counterpart

Bulkhead housing



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Type	HDC 24B ABU	Version
Order No.	1212400000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190083939	plugged condition, Bulkhead housing, Side-locking clamp on lower
Qty.	1 ST	side, Side-locking clamp not replaceable, Standard
Type	HDC 24B ABU N	Version
Order No.	2488600000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4050118541533	plugged condition, Bulkhead housing, Side-locking clamp on lower
Qty.	1 ST	side, Standard

Coupling hood



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Type	HDC 24B KBU 1M25G	Version
Order No.	1787920000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248205363	plugged condition, Coupling housing, Side-locking clamp on lower
Qty.	1 ST	side, Standard, Size of cable entries: M 25

HDC 24B DODQ 4B0

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Counterpart

Type	HDC 24B KBU 1PG21G	Version
Order No.	1661720000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418274	plugged condition, Coupling housing, Side-locking clamp on lower
Qty.	1 ST	side, Standard, Size of cable entries: PG 21
Type	HDC 24B KBU 1PG29G	Version
Order No.	1661730000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418281	plugged condition, Coupling housing, Side-locking clamp on lower
Qty.	1 ST	side, Standard, Size of cable entries: PG 29
Type	HDC 64D KBU 1M32G	Version
Order No.	1786960000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248204205	plugged condition, Coupling housing, Side-locking clamp on lower
Qty.	1 ST	side, high, Size of cable entries: M 32
Type	HDC 64D KBU 1PG29G	Version
Order No.	1661810000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418359	plugged condition, Coupling housing, Side-locking clamp on lower
Qty.	1 ST	side, high, Size of cable entries: PG 29

Base housing



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Type	HDC 24B SBU 1M25G	Version
Order No.	1901150000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248521258	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25
Type	HDC 24B SBU 1M25G N	Version
Order No.	2560960000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4050118673227	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25
Type	HDC 24B SBU 1PG21G	Version
Order No.	1661510000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418069	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 21
Type	HDC 24B SBU 1PG21G N	Version
Order No.	2560750000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4050118676747	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25

HDC 24B DODQ 4B0

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Counterpart

Type	HDC 24B SBU 2M25G	Version
Order No.	1787870000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248205318	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25
Type	HDC 24B SBU 2PG21G	Version
Order No.	1661520000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418076	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 21
Type	HDC 24B SBU 2M25G N	Version
Order No.	2560970000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4050118676730	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25
Type	HDC 64D SBU 1M25G	Version
Order No.	1904340000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248585601	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: M 25
Type	HDC 64D SBU 1M32G	Version
Order No.	1904350000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248585298	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: M 32
Type	HDC 64D SBU 1M32G N	Version
Order No.	2561050000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4050118680195	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: M 32
Type	HDC 64D SBU 2M25G	Version
Order No.	1786890000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248204137	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: M 25
Type	HDC 64D SBU 2M25G N	Version
Order No.	2561060000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4050118680508	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: M 32
Type	HDC 64D SBU 2M32G	Version
Order No.	1786880000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4032248204120	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: M 32
Type	HDC 64D SBU 2M32G N	Version
Order No.	2550540000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4064675005087	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: M 32
Type	HDC 64D SBU 2PG21G	Version
Order No.	1661590000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418144	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: PG 21
Type	HDC 64D SBU 2PG29G	Version
Order No.	1661630000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4008190418182	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: PG 29
Type	HDC 64D SBU 2PG29G N	Version
Order No.	2560790000	HDC enclosures, Installation size: 8, Protection degree: IP65, in
GTIN (EAN)	4050118894103	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: M 32