

HDC 32A SDBO 1M25G

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: 7, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: M 25 |
| Order No. | 1903900000 |
| Type | HDC 32A SDBO 1M25G |
| GTIN (EAN) | 4032248586127 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E92202 |

Dimensions and weights

| | | | |
|-----------------------------|---------|----------------------------|-------------|
| Height | 97 mm | Height (inches) | 3.8189 inch |
| Width | 89.2 mm | Width (inches) | 3.5118 inch |
| Mounting dimension - height | 46 mm | Mounting dimension - width | 92 mm |
| Net weight | 488 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

| | | | |
|----------------------|-------|---------------|-----------|
| Hole pitch length A2 | 92 mm | Cable entry | w. thread |
| Width housing C | 56 mm | Width base C1 | 64.5 mm |

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|----------------------|-------|---------------------|-------|
| Total length housing | 82 mm | Height of housing B | 75 mm |
| Height of base B1 | 5 mm | | |

General data

| | | | |
|----------------|----------------|-------------------|----------------------------|
| Surface finish | Powder coating | Protection degree | IP65, in plugged condition |
|----------------|----------------|-------------------|----------------------------|

Version

| | | | |
|------------------------------|----------------------------------|--------------------------------|--------------------|
| Size of cable entries | M 25 | Top part/bottom part/lid | lower part |
| Cover | without cover | Tightening torque | 1.2 Nm |
| Number of cable entry on top | 0 | Number of cable entry sideways | 1 |
| Design of cover | with cover | Design of housing | Base housing |
| Design of locking system | Side-locking clamp on upper side | Design | Standard |
| Installation size | 7 | Cable entry | w. thread |
| Type | Base housing | Clamp version | Side-locking clamp |
| Sealing | NBR | Internal thread | M 25 |
| Colour (RAL) | RAL 7035 | BG | 7 |
| Suitable for ModuPlug® | No | | |

Classifications

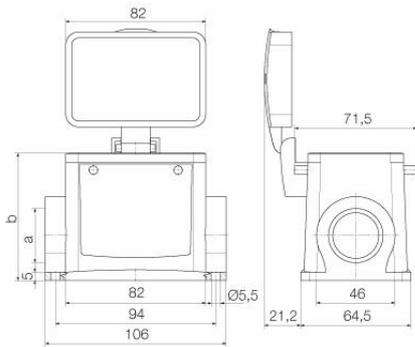
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000437 | ETIM 9.0 | EC000437 |
| ETIM 10.0 | EC000437 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 | | |

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Drawings

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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 32A TOBO 1M32G | Version | |
| Order No. | 1788010000 | | HDC enclosures, Installation size: 7, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205455 | | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | | clamp on upper side, Standard, Size of cable entries: M 32 |

Hood, Cable Entry sideways



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General ordering data

| | | | |
|------------|----------------------------|---------|--|
| Type | HDC 32A TSBO 1PG29G | Version | |
| Order No. | 1666270000 | | HDC enclosures, Installation size: 7, Protection degree: IP65, in |
| GTIN (EAN) | 4008190423315 | | 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 32A TSBO 1M32G | Version | |
| Order No. | 1787970000 | | HDC enclosures, Installation size: 7, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205417 | | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | | clamp on upper side, Standard, Size of cable entries: M 32 |

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Accessories

| | | |
|------------|----------------------------|--|
| Type | HDC 32A TSBO 1M25G | Version |
| Order No. | 1787980000 | HDC enclosures, Installation size: 7, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205424 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on upper side, Standard, Size of cable entries: M 25 |