

HDC enclosures HDC 48B SDLU 1PG29G

Weidmüller Interface GmbH & Co. KG
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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 48B SDLU 1PG29G |
| Order No. | 1799810000 |
| Version | HDC enclosures, Size: 12, Protection degree: IP65, Closed base, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 29 |
| GTIN (EAN) | 4032248247035 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|----------------------------|---------|-----------------------------|------------|
| Width | 166.2 | Width (inches) | 6.543 inch |
| Height | 120 mm | Height (inches) | 4.724 inch |
| Depth | 143 mm | Depth (inches) | 5.63 inch |
| Mounting dimension - width | 111 mm | Mounting dimension - height | 106 mm |
| Net weight | 1,601 g | | |

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Dimensions

| | | | |
|----------------------|--------------|----------------------|--------|
| Cable entry | w. threading | Height of base B1 | 10 mm |
| Height of housing B | 120 mm | Hole pitch length A2 | 111 mm |
| Total length housing | 132 mm | Width base C1 | 120 mm |
| Width housing C | 90 mm | | |

General data

| | | | |
|-----------------------------|-----------------------------|-----------------------|--|
| EMC housings | No | Housing main material | diecast aluminium |
| Material of locking element | Stainless steel, rust-proof | Protection class note | Protection class with secured cover: IP 65 |
| Protection degree | IP65 | Surface finish | Powder coating |
| Tightening torque | 1.2 Nm | | |

Version

| | | | |
|------------------------------|-------------------------------|--------------------------------|-------------------|
| Cable entry | w. threading | Clamp version | End-locking clamp |
| Cover | with cover | Design | Standard |
| Design of cover | with cover | Design of housing | Closed base |
| Design of locking system | End-locking clamp, lower side | Internal thread | PG 29 |
| Number of cable entry on top | 0 | Number of cable entry sideways | 1 |
| Sealing | NBR | Size | 12 |
| Size of cable entries | PG 29 | Suitable for ModuPlug® | Yes |
| Tightening torque | 1.2 Nm | Top part/bottom part/lid | lower part |
| Type | Base housing | | |

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC000437 | ETIM 7.0 | EC000437 |
| eClass 9.0 | 27-44-02-02 | eClass 9.1 | 27-44-02-02 |
| eClass 10.0 | 27-44-02-02 | UNSPSC | 30-21-18-10 |

Data sheet**HDC enclosures
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Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

| | |
|--------------------|---|
| Brochure/Catalogue | CAT 3 HDC 17/18 EN FL FIELDWIRING EN |
| Engineering Data | EPLAN, WSCAD |
| Engineering Data | STEP |

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Drawings