

1424416

https://www.phoenixcontact.com/us/products/1424416

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Surface mounting housing D50, with double locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 2, lateral, 2x Pg29, height: 82 mm, cable gland: Pg29, Standard

Commercial data

| Item number | 1424416 |
|--------------------------------------|---------------------|
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF56 |
| Product key | BF7APE |
| Catalog page | Page 533 (C-2-2019) |
| GTIN | 4055626371566 |
| Weight per piece (including packing) | 359.8 g |
| Weight per piece (excluding packing) | 359.8 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |



1424416

https://www.phoenixcontact.com/us/products/1424416

Technical data

Product properties

| Product type | Housing with locking latch |
|------------------------------|----------------------------|
| Housing type | Surface mounting housing |
| Product family | HC-STA-D |
| Application | Standard |
| Туре | D50 |
| No. of cable outlets | 2 |
| Type of the screw connection | 2x Pg29 |
| Туре | Tall design |
| Cable outlet | lateral |
| Pg screw connection | Pg29 |
| Data management status | |
| Article revision | 04 |

Dimensions

| Dimensional drawing | |
|---------------------|--------|
| Width | 70 mm |
| Height | 82 mm |
| Length | 106 mm |
| Hole diameter | 5.5 mm |

Material specifications

| Flammability rating according to UL 94 | V0 (Interlock) |
|----------------------------------------|-----------------------------------------|
| Seal material | NBR, conductive |
| Housing material | Die-cast aluminum, salt water resistant |
| Housing surface material | uncoated |
| Locking latch material | PA |

Mechanical properties

Mechanical data

| Type of the screw connection | 2x Pg29 |
|------------------------------|---------|
| Locking type | Latch |



1424416

https://www.phoenixcontact.com/us/products/1424416

Connection data

| | Tightening torque | 2 Nm 3 Nm (for M5 mounting screws on the surface-mount housing) |
|----|-------------------|-----------------------------------------------------------------------------------------|
| Мо | punting | |
| | Assembly note | One opening is sealed with a plastic filler plug and can be opened using a screwdriver. |

Environmental and real-life conditions

Ambient conditions

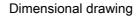
| Degree of protection | IP66 |
|---------------------------------|---------------|
| | IP67 |
| Impact strength | IK08 |
| Ambient temperature (operation) | -40 °C 125 °C |



1424416

https://www.phoenixcontact.com/us/products/1424416

Drawings





Dimensional drawing



1424416

https://www.phoenixcontact.com/us/products/1424416

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424416

DNV

Approval ID: TAE000037S



cUL RecognizedApproval ID: E255026



UL RecognizedApproval ID: E255026



EAC

Approval ID: RU C-DE.BL08.B.00511

cULus Recognized



1424416

https://www.phoenixcontact.com/us/products/1424416

Classifications

ECLASS

| | ECLASS-11.0 | 27440202 |
|--------|-------------|----------|
| | ECLASS-12.0 | 27440202 |
| | ECLASS-13.0 | 27440202 |
| ETIM | | |
| | ETIM 9.0 | EC000437 |
| UNSPSC | | |
| | UNSPSC 21.0 | 31261500 |



1424416

https://www.phoenixcontact.com/us/products/1424416

Environmental product compliance

EU RoHS

| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|------------------------------------------|
| China RoHS | |
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |
| EU REACH SVHC | |
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |

Phoenix Contact 2024 @ - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com