

## Control cabinet feed-through - VS-BH-M12FSX-10G-RJ45/180 - 1404549

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Control cabinet feed-through, M12, 8-pos., X-coded to RJ45 socket, socket input 180°, IP65/67

### Why buy this product

- ✓ Compact design
- ✓ 10 Gbps
- ✓ IP65/67
- ✓ UL



### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 1 STK                                                                                |
| GTIN         |  |
| GTIN         | 4046356699426                                                                        |

### Technical data

#### Mechanical characteristics

|                             |               |
|-----------------------------|---------------|
| Number of positions         | 8             |
| Number of slots             | 1             |
| Shielded                    | Yes           |
| Insertion/withdrawal cycles | ≥ 100         |
| Cable outlet                | straight      |
| Color                       | black         |
| Mounting type               | Rear mounting |
| Degree of protection        | IP65/IP67     |
| Type                        | Straight      |

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -25 °C ... 85 °C |
|---------------------------------|------------------|

# Control cabinet feed-through - VS-BH-M12FSX-10G-RJ45/180 - 1404549

## Technical data

### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Ambient temperature (storage/transport) | -25 °C ... 85 °C |
| Degree of protection                    | IP65             |
|                                         | IP67             |

### Material data

|                                        |              |
|----------------------------------------|--------------|
| Flammability rating according to UL 94 | V0           |
| Housing material                       | PA           |
| Contact material                       | Copper alloy |

### Electrical characteristics

|                                         |                            |
|-----------------------------------------|----------------------------|
| Number of positions                     | 8                          |
| Nominal voltage $U_N$                   | 60 V                       |
| Nominal current $I_N$                   | 0.5 A                      |
| Transmission characteristics (category) | CAT6 <sub>A</sub>          |
| GRP transmission properties             | Ethernet CAT6 <sub>A</sub> |
| Transmission speed                      | 10 Gbps                    |
| Rated current                           | 1.75 A                     |
| Rated voltage (III/3)                   | 50 V                       |

### Standards and Regulations

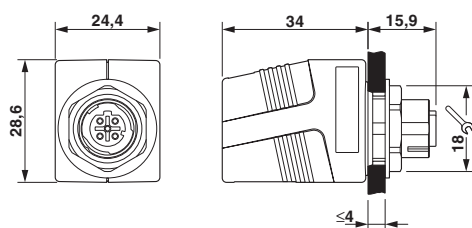
|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

### Environmental Product Compliance

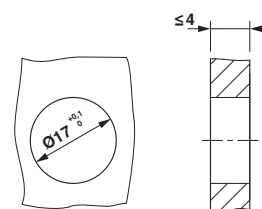
|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Dimensional drawing

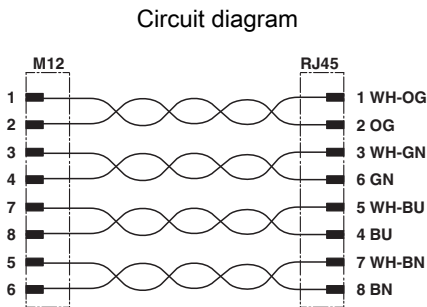
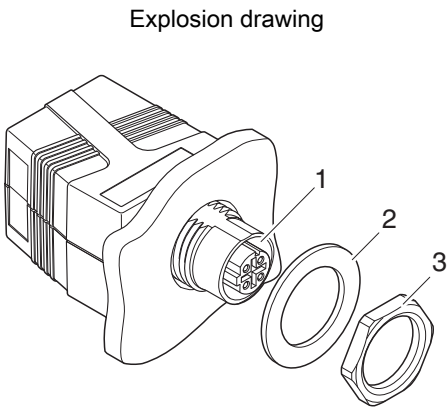


Dimensional drawing



Mounting cutout

Control cabinet feed-through - VS-BH-M12FSX-10G-RJ45/180 - 1404549



Circuit diagram

Exploded drawing

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

|                    |                                                                                     |                                                                                                                                                                        |
|--------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UL Listed          |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335024-20140306 |
|                    |                                                                                     |                                                                                                                                                                        |
| Nominal current IN | 0.5 A                                                                               |                                                                                                                                                                        |
| Nominal voltage UN | 60 V                                                                                |                                                                                                                                                                        |

|                    |                                                                                     |                                                                                                                                                                        |
|--------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| cUL Listed         |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335024-20140306 |
|                    |                                                                                     |                                                                                                                                                                        |
| Nominal current IN | 0.5 A                                                                               |                                                                                                                                                                        |
| Nominal voltage UN | 60 V                                                                                |                                                                                                                                                                        |

|     |                                                                                     |         |
|-----|-------------------------------------------------------------------------------------|---------|
| EAC |  | B.01742 |
|-----|-------------------------------------------------------------------------------------|---------|

## Control cabinet feed-through - VS-BH-M12FSX-10G-RJ45/180 - 1404549

### Approvals

cULus Listed



Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>