

# HV M8/1-AP - Cover profile

3049398

<https://www.phoenixcontact.com/us/products/3049398>



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Cover profile, for single-bolt terminal block M8, depth: 6.5 mm, width: 21 mm, height: 75 mm, color: gray



## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 3049398       |
| Packing unit                         | 25 pc         |
| Minimum order quantity               | 25 pc         |
| Sales key                            | BE49          |
| Product key                          | BE4Z1X        |
| GTIN                                 | 4046356184069 |
| Weight per piece (including packing) | 2.879 g       |
| Weight per piece (excluding packing) | 2.86 g        |
| Customs tariff number                | 39269097      |
| Country of origin                    | CN            |

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## Technical data

### Product properties

|              |               |
|--------------|---------------|
| Product type | Cover profile |
|--------------|---------------|

### Dimensions

|        |        |
|--------|--------|
| Width  | 21 mm  |
| Height | 75 mm  |
| Depth  | 6.5 mm |

### Material specifications

|   |                 |
|---|-----------------|
| Color   | gray (RAL 7042) |
| Material  | PA              |
| Flammability rating according to UL 94                                  | V0              |
| Static insulating material application in cold                          | -60 °C          |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 125 °C          |
| Relative insulation material temperature index (Elec., UL 746 B)        | 130 °C          |
| Fire protection for rail vehicles (DIN EN 45545-2) R22                  | HL 1 - HL 3     |
| Fire protection for rail vehicles (DIN EN 45545-2) R23                  | HL 1 - HL 3     |
| Fire protection for rail vehicles (DIN EN 45545-2) R24                  | HL 1 - HL 3     |
| Fire protection for rail vehicles (DIN EN 45545-2) R26                  | HL 1 - HL 3     |
| Calorimetric heat release NFPA 130 (ASTM E 1354)                        | 27,5 MJ/kg      |
| Surface flammability NFPA 130 (ASTM E 162)                              | passed          |
| Specific optical density of smoke NFPA 130 (ASTM E 662)                 | passed          |
| Smoke gas toxicity NFPA 130 (SMP 800C)                                  | passed          |

### Environmental and real-life conditions

#### Ambient conditions

|  |   |
|--|---|
| Ambient temperature (operation)          | -60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)       |
| Ambient temperature (storage/transport)  | -25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C) |
| Ambient temperature (assembly)           | -5 °C ... 70 °C   |
| Ambient temperature (actuation)          | -5 °C ... 70 °C   |
| Permissible humidity (storage/transport) | 30 % ... 70 %   |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27141190 |
| ECLASS-15.0 | 27250190 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002848 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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## 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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.059 kg CO2e |
|---------|---------------|

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