

**ZQV 2.5N/50 BK****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

**General ordering data**

|            |                                                                                                                             |
|------------|-----------------------------------------------------------------------------------------------------------------------------|
| Version    | Cross-connector (terminal), Plugged, black, 24 A, Number of poles: 50, Pitch in mm (P): 5.10, Insulated: Yes, Width: 255 mm |
| Order No.  | <a href="#">2831770000</a>                                                                                                  |
| Type       | ZQV 2.5N/50 BK                                                                                                              |
| GTIN (EAN) | 4064675417002                                                                                                               |
| Qty.       | 5 items                                                                                                                     |

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## Technical data

## Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Dimensions and weights

|            |         |                 |              |
|------------|---------|-----------------|--------------|
| Depth      | 24.7 mm | Depth (inches)  | 0.9724 inch  |
| Height     | 2.8 mm  | Height (inches) | 0.1102 inch  |
| Width      | 255 mm  | Width (inches)  | 10.0394 inch |
| Net weight | 27 g    |                 |              |

## Temperatures

|                                  |                 |                                  |               |
|----------------------------------|-----------------|----------------------------------|---------------|
| Storage temperature              | -25 °C...55 °C  | Ambient temperature              | -5 °C...40 °C |
| Operating temperature            | -60 °C...130 °C | Continuous operating temp., min. | -60 °C        |
| Continuous operating temp., max. | 130 °C          |                                  |               |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Material data

|                           |       |        |       |
|---------------------------|-------|--------|-------|
| Basic material            | Wemid | Colour | black |
| UL 94 flammability rating | V-0   |        |       |

## Additional technical data

|                  |                 |                          |    |
|------------------|-----------------|--------------------------|----|
| Type of fixing   | Plugged         | Explosion-tested version | No |
| Type of mounting | Direct mounting |                          |    |

## Dimensions

|                 |         |
|-----------------|---------|
| Pitch in mm (P) | 5.10 mm |
|-----------------|---------|

## General

|                 |    |
|-----------------|----|
| Number of poles | 50 |
|-----------------|----|

## Rating data

|               |       |                 |      |
|---------------|-------|-----------------|------|
| Rated voltage | 400 V | Nominal current | 24 A |
|---------------|-------|-----------------|------|

## Important note

|                     |                                                                                                                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product information | Due to stability and temperature reasons It is only possible to break out 60% of contact elements<br>The usage of cross connectors reduces the rated voltage to 400VThe voltage reduced to 25V if cut cross connection with blank cut edges are used |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000489    | ETIM 9.0    | EC000489    |
| ETIM 10.0   | EC000489    | ECLASS 14.0 | 27-25-03-03 |
| ECLASS 15.0 | 27-25-03-03 |             |             |