

ZQV 2.5N/4 BK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

| | |
|------------|---|
| Version | Cross-connector (terminal), Plugged, black, 24 A, Number of poles: 4, Pitch in mm (P): 5.10, Insulated: Yes, Width: 18.1 mm |
| Order No. | 2831690000 |
| Type | ZQV 2.5N/4 BK |
| GTIN (EAN) | 4064675416920 |
| Qty. | 60 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Depth | 24.7 mm | Depth (inches) | 0.972 inch |
| Height | 2.8 mm | Height (inches) | 0.11 inch |
| Width | 18.1 mm | Width (inches) | 0.713 inch |
| Net weight | 2.88 g | | |

Temperatures

| | | | |
|---------------------|----------------|-----------------------|-----------------|
| Storage temperature | -25 °C...55 °C | Operating temperature | -60 °C...130 °C |
|---------------------|----------------|-----------------------|-----------------|

Material data

| | | | |
|---------------------------|-------|--------|-------|
| Material | Wemid | Colour | black |
| UL 94 flammability rating | V-0 | | |

Additional technical data

| | | | |
|--------------------------|-----------------|----------------|---------|
| Explosion-tested version | Yes | Type of fixing | Plugged |
| Type of mounting | Direct mounting | | |

Cross-connector

| | | | |
|---------------------------|------|------|-----------------|
| Rated current, multi-pole | 24 A | Type | Cross-connector |
|---------------------------|------|------|-----------------|

Dimensions

| | |
|-----------------|--------|
| Pitch in mm (P) | 5.1 mm |
|-----------------|--------|

General

| | |
|-----------------|---|
| Number of poles | 4 |
|-----------------|---|

Rating data

| | |
|---------------|------|
| Rated current | 24 A |
|---------------|------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000489 | ETIM 7.0 | EC000489 |
| ETIM 8.0 | EC000489 | ETIM 9.0 | EC000489 |
| ECLASS 9.0 | 27-14-11-40 | ECLASS 9.1 | 27-14-11-40 |
| ECLASS 10.0 | 27-14-11-40 | ECLASS 11.0 | 27-14-11-40 |
| ECLASS 12.0 | 27-14-11-40 | ECLASS 13.0 | 27-25-03-03 |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| REACH SVHC | / |
| RoHS Compliance Status | Compliant without exemption |

Important note

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

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Technical data

Approvals

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

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Confirmation of Standards EN 45545-2_2020-10 |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |