

ATEX Terminal & Cross-Connector Arrangements :

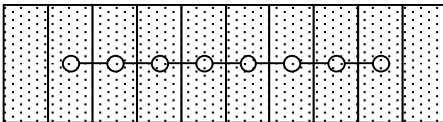
Manually cut cross connections and cross connections with blank ends (ZQV's > 20 poles) are excluded.

- A Continuous
- C Adjacent – separated by a partition plate
- D Intermediate - bridging one or more unconnected terminals (e.g. every 3rd terminal)
- E Next to a protective conductor terminal (earth) without a partition plate
- F Next to a protective conductor terminal (earth) with a partition plate
- G Bridging a protective conductor terminal (earth)
- H Twin parallel
- I Triple parallel

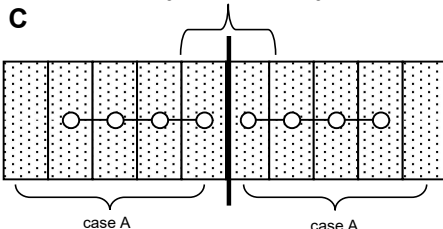


Terminal blocks marked with this pattern are limited to the maximum voltage of arrangement A.

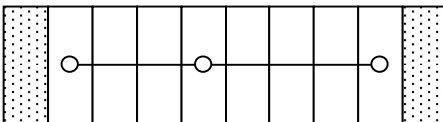
A Continuous



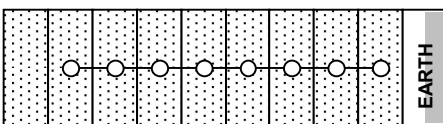
Adjacent – separated by a partition plate
case C voltage between left and right block



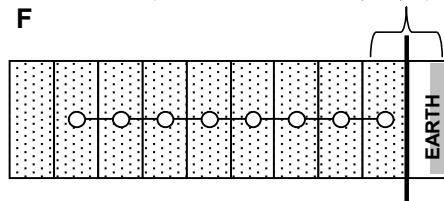
D Intermediate - bridging one or more unconnected terminals



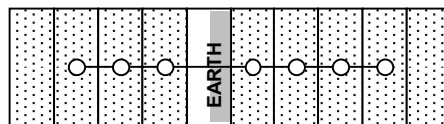
E Next to a protective conductor terminal (earth) without a partition plate



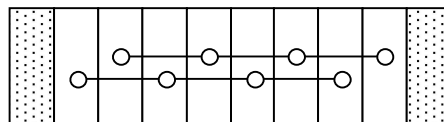
Next to a protective conductor terminal (earth) separated



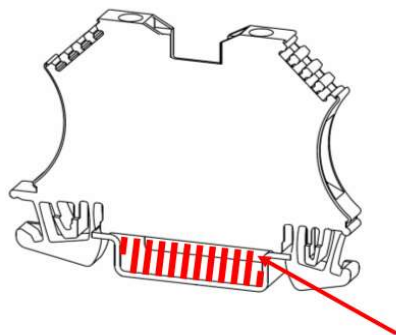
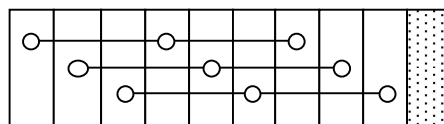
G Bridging a protective conductor terminal (earth)



H Twin parallel.



I Triple parallel.



Assembly Note:

The given voltage values are only valid if the area inside the terminal rail is free (see marking). E.g. fixing screws are not permitted in this area.

| Family ¹⁾ | Certification No. | Rated voltage | Rated current | rated current with cross connection | Rated cross section | Tightening torque | Stripping length | Maximum Voltage / V (refer to arrangement drawings) | | | | | | | |
|--|-------------------|---------------|---------------|-------------------------------------|---------------------|-------------------|------------------|---|------|-----|-----|-----|-----|-----|----|
| | | / V | / A | / A | / mm ² | / Nm | / mm | A | C | D | E | F | G | H | I |
| P... | | | | | | | | | | | | | | | |
| PDK 2.5/4 | KEMA 06ATEX0177U | 550 | 28 | 26 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | -- | -- |
| PDK 2.5/4 N-L | KEMA 06ATEX0177U | 550 | 28 | 26 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | -- | -- |
| PDK 2.5/4 L-PE | KEMA 06ATEX0177U | 550 | 28 | 26 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | -- | -- |
| PDK 2.5/4 N-PE | KEMA 06ATEX0177U | 550 | 28 | 26 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | -- | -- |
| PDK 2.5/4 V | KEMA 06ATEX0177U | 550 | 29 | 27 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | -- | -- |
| PDU 2.5/4 | KEMA 06ATEX0177U | 550 | 29 | 25,5 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | 176 | -- |
| PDU 2.5/4/3AN | KEMA 06ATEX0177U | 550 | 29 | 25,5 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | 176 | -- |
| PDU 2.5/4/4AN | KEMA 06ATEX0177U | 550 | 29 | 26,5 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | 176 | -- |
| PDU 6/10 | KEMA 06ATEX0177U | 550 | 37 | 26,5 | 6 | -- | -- | 550 | 550 | 275 | 550 | 550 | -- | 220 | -- |
| PDU 6/10/3AN | KEMA 06ATEX0177U | 550 | 36,5 | 29,5 | 6 | -- | -- | 550 | 550 | 275 | 550 | 550 | -- | 220 | -- |
| PDU 16 | KEMA 06ATEX0177U | 550 | 59 | 57,5 | 16 | -- | -- | 275 | 550 | -- | 275 | 275 | -- | 110 | -- |
| PEI 16 | KEMA 06ATEX0177U | 550 | 66,5 | 25 (37) ³⁾ | 16 | -- | -- | 275 | -- | -- | -- | -- | -- | -- | -- |
| W... (Where WQV and ZQV as accessory exist, use ZQV only if mentioned in this list.) | | | | | | | | | | | | | | | |
| WDU 240 | KEMA 01ATEX2186 U | 1100 | 350 | 270 | 240 | 12,0 - 20,0 | 40 | 690 ²⁾ | -- | -- | -- | -- | -- | -- | -- |
| WFF 185 | KEMA 98ATEX1684 U | 1100 | 307 | 307 | 185 | 14,0 - 31,0 | -- | 1100 | 1100 | -- | -- | -- | -- | -- | -- |
| WFF 300 | KEMA 98ATEX1684 U | 1100 | 452 | 452 | 300 | 25,0 - 60,0 | -- | 880 | 880 | -- | -- | -- | -- | -- | -- |

Notes:

- 1) Refer to the catalog and certificate, which article is exactly certified.
- 2) For connecting the cross-connection, the external channels should be used.
- 3) With PDU2.5/4 and cross connection type ZQV 2.5: 25 A; with PDU 6/10 and cross connection type ZQV 6N: 37 A

Terminal & Cross-Connector Arrangements:

- A Continuous
- C Adjacent – separated by a partition plate
- D Intermediate - bridging one or more unconnected terminals (e.g. every 3rd terminal)
- E Next to a protective conductor terminal (earth) without a partition plate
- F Next to a protective conductor terminal (earth) with a partition plate
- G Bridging a protective conductor terminal (earth)
- H Twin parallel.
- I Triple parallel.

IECEx Terminal & Cross-Connector Arrangements:

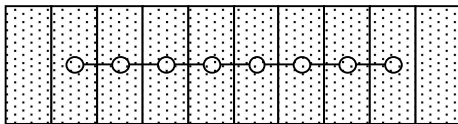
Manually cut cross connections and cross connections with blank ends (ZQV's ≥ 20 poles) are excluded.

- A Continuous
- C Adjacent – separated by a partition plate
- D Intermediate - bridging one or more unconnected terminals (e.g. every 3rd terminal)
- E Next to a protective conductor terminal (earth) without a partition plate
- F Next to a protective conductor terminal (earth) with a partition plate
- G Bridging a protective conductor terminal (earth)
- H Twin parallel
- I Triple parallel

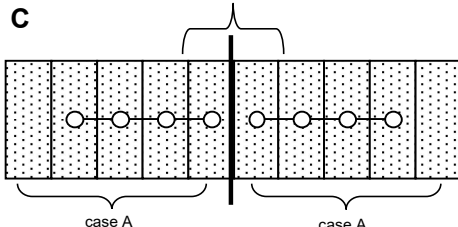


Terminal blocks marked with this pattern are limited to the maximum voltage of arrangement A.

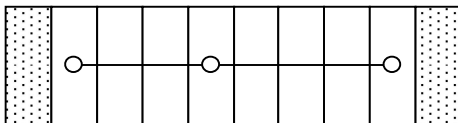
A Continuous



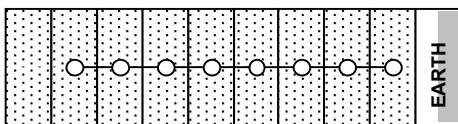
Adjacent – separated by a partition plate
case C voltage between left and right block



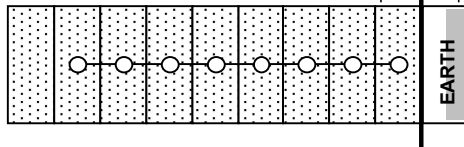
D Intermediate - bridging one or more unconnected terminals



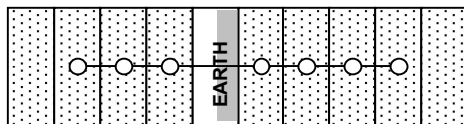
E Next to a protective conductor terminal (earth) without a partition plate



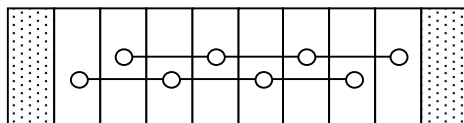
F Next to a protective conductor terminal (earth) separated



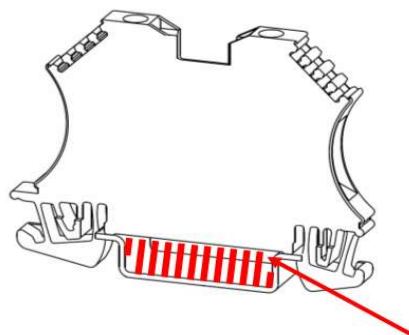
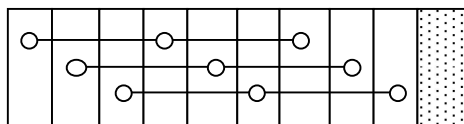
G Bridging a protective conductor terminal (earth)




H Twin parallel.



I Triple parallel.



Assembly Note:

The given voltage values are only valid if the area inside the terminal rail is free (see marking ). E.g. fixing screws are not permitted in this area.

| Family ¹⁾ | Certification No. | Rated voltage | Rated current | rated current with cross connection | Rated cross section | Tightening torque | Stripping length | Maximum Voltage / V (refer to arrangement drawings) | | | | | | | |
|---|-------------------|---------------|---------------|-------------------------------------|---------------------|-------------------|------------------|---|------|-----|-----|-----|-----|-----|----|
| | | / V | / A | / A | / mm ² | / Nm | / mm | A | C | D | E | F | G | H | I |
| P... | | | | | | | | | | | | | | | |
| PDK 2.5/4 | IECEXKEM06.0032U | 550 | 28 | 26 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | -- | -- |
| PDK 2.5/4 N-L | IECEXKEM06.0032U | 550 | 28 | 26 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | -- | -- |
| PDK 2.5/4 L-PE | IECEXKEM06.0032U | 550 | 28 | 26 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | -- | -- |
| PDK 2.5/4 N-PE | IECEXKEM06.0032U | 550 | 28 | 26 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | -- | -- |
| PDK 2.5/4 V | IECEXKEM06.0032U | 550 | 29 | 27 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | -- | -- |
| PDU 2.5/4 | IECEXKEM06.0032U | 550 | 29 | 25,5 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | 176 | -- |
| PDU 2.5/4/3AN | IECEXKEM06.0032U | 550 | 29 | 25,5 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | 176 | -- |
| PDU 2.5/4/4AN | IECEXKEM06.0032U | 550 | 29 | 26,5 | 4 | -- | -- | 275 | 550 | 176 | 275 | 275 | 176 | 176 | -- |
| PDU 6/10 | IECEXKEM06.0032U | 550 | 37 | 26,5 | 6 | -- | -- | 550 | 550 | 275 | 550 | 550 | -- | 220 | -- |
| PDU 6/10/3AN | IECEXKEM06.0032U | 550 | 36,5 | 29,5 | 6 | -- | -- | 550 | 550 | 275 | 550 | 550 | -- | 220 | -- |
| PDU 16 | IECEXKEM06.0032U | 550 | 59 | 57,5 | 16 | -- | -- | 275 | 550 | -- | 275 | 275 | -- | 110 | -- |
| PEI 16 | IECEXKEM06.0032U | 550 | 66,5 | 25 (37) ³⁾ | 16 | -- | -- | 275 | -- | -- | -- | -- | -- | -- | -- |
| W... (Where WQV and ZQV as accessory exist, use ZQV only if mentioned in this list.) | | | | | | | | | | | | | | | |
| WFF 185 | IECEXKEM07.0053U | 1100 | 307 | 307 | 185 | 14,0 - 31,0 | -- | 1100 | 1100 | -- | -- | -- | -- | -- | -- |
| WFF 300 | IECEXKEM07.0053U | 1100 | 452 | 452 | 300 | 25,0 - 60,0 | -- | 880 | 880 | -- | -- | -- | -- | -- | -- |

Notes:

- 1) Refer to the catalog and certificate, which article is exactly certified.
- 2) For ZQV, the outer channels must be used
- 3) With PDU2.5/4 and cross connection type ZQV 2.5: 25 A; with PDU 6/10 and cross connection type ZQV 6N: 37 A

Terminal & Cross-Connector Arrangements:

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- C Adjacent - separated by a partition plate
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