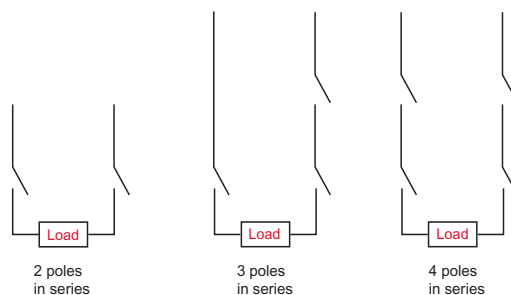


Technical data OT16E3 – OT160E3 IEC

IEC

| Catalog number | 3 pole | OT16E3 | OT25E3 | OT32E3 | OT45E3 | OT63E3 | OT30E3 | OT60E3 | OT100E3 | OT160E3 | |
|---|---------------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|
| Rated insulation and operation voltage, AC20 and DC20 | 40°C V | 750 | 750 | 750 | 750 | 750 | 750 | 750 | 750 | 750 | |
| Rated impulse withstand voltage | kV | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 12 | |
| Rated thermal current, I_n | | | | | | | | | | | |
| AC 20/DC 20 | open ① | A | 25 | 32 | 40 | 63 | 80 | 40 | 63 | 115 | 200 |
| | 40°C enclosed | A | 25 | 32 | 40 | 63 | 80 | 40 | 63 | 115 | 160 |
| | 60°C enclosed | A | 25 | 32 | 40 | 63 | 80 | 40 | 63 | 115 | 160 |
| Rated operational currents | | | | | | | | | | | |
| AC 21A | ≤500V | A | 16 | 25 | 40 | 63 | 80 | 40 | 63 | 100 | 160 |
| | ≤690V | A | 16 | 25 | 40 | 63 | 80 | 40 | 63 | 100 | 160 |
| | ≤1000V | A | — | — | — | — | — | — | — | — | — |
| AC 22A | ≤500V | A | 16 | 25 | 40 | 63 | 80 | 40 | 63 | 100 | 160 |
| | ≤690V | A | 16 | 25 | 40 | 63 | 80 | 40 | 63 | 100 | 160 |
| | ≤1000V | A | — | — | — | — | — | — | — | — | — |
| AC 23A | ≤415V | A | 16 | 20 | 23 | 45 | 75 | 40 | 63 | 80 | 135 |
| | ≤500V | A | 16 | 20 | 23 | 45 | 58 | 40 | 60 | 60 | 125 |
| | ≤690V | A | 10 | 11 | 12 | 20 | 20 | 40 | 40 | 40 | 80 |
| | ≤1000V | A | — | — | — | — | — | — | — | — | — |
| Rated operational currents/poles in series | | | | | | | | | | | |
| DC21A | 48V | A | 16/1 | 25/1 | 32/1 | 45/1 | 63/1 | 40/1 | 63/1 | 100/1 | 160/1 |
| | 110V | A | 16/2 | 25/2 | 32/2 | 45/2 | 63/2 | 40/2 | 63/2 | 100/2 | 160/1 |
| | 220V | A | 16/3 | 25/3 | 32/3 | 45/4 | 63/4 | 40/4 | 63/4 | 100/4 | 160/2 |
| | 440V | A | 16/4 | 25/6 | 32/6 | ③ | ③ | ③ | ③ | ③ | 160/3 |
| | 750V | A | 16/8 | 25/8 | 32/8 | ③ | ③ | ③ | ③ | ③ | 160/4 |
| DC22A | 48V | A | 16/1 | 25/1 | 32/1 | 45/1 | 63/1 | 40/1 | 63/1 | 100/1 | 160/1 |
| | 110V | A | 16/2 | 25/2 | 32/2 | 45/2 | 63/2 | 40/2 | 63/2 | 100/2 | 160/1 |
| | 220V | A | 16/3 | 25/3 | 32/4 | 45/4 | 63/4 | 40/4 | 63/4 | 63/4 | 160/2 |
| | 440V | A | 16/6 | 25/8 | ③ | ③ | ③ | ③ | ③ | ③ | 160/3 |
| | 750V | A | 16/8 | 25/8 | ③ | ③ | ③ | ③ | ③ | ③ | ③ |
| DC23A | 48V | A | 16/1 | 25/1 | 32/1 | 45/1 | 63/1 | 40/1 | 63/1 | 100/1 | 160/1 |
| | 110V | A | 16/2 | 25/2 | 32/2 | 45/2 | 63/2 | 40/2 | 63/2 | 100/2 | 160/1 |
| | 220V | A | 16/4 | 25/4 | 32/4 | 45/4 | 63/4 | 40/4 | 63/4 | 63/4 | 160/2 |
| | 440V | A | 10/4 | ③ | ③ | ③ | ③ | ③ | ③ | ③ | 160/3 |
| | 750V | A | 16/8 | ③ | ③ | ③ | ③ | ③ | ③ | ③ | ③ |
| Rated operational power | | | | | | | | | | | |
| AC23A | 230V | kW | 3 | 4 | 5.5 | 11 | 22 | 7.5 | 11 | 22 | 45 |
| | 400/415V | kW | 7.5 | 9 | 11 | 22 | 37 | 15 | 18.5 | 37 | 75 |
| | 500V | kW | 7.5 | 9 | 11 | 22 | 37 | 15 | 18.5 | 37 | 75 |
| | 690V | kW | 7.5 | 9 | 11 | 15 | 18.5 | 15 | 15 | 37 | 75 |
| Short-circuit current | kA | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 100 | |
| with back-up fuses of size | A | 25 | 32 | 40 | 63 | 80 | 100 | 100 | 100 | 200 | |



① The ambient air temperature does not exceed +40°C and its average over a period of 24 hours does not exceed +35°C according to IEC 947.

② IEC 947-3, utilization category B, infrequent operation.

③ Not available at time of printing, please consult factory.