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## Data sheet 4EP4000-3DS00




Figure similar

line commutating reactor for rectifier; phases: 3; Un1(V): 400; Ithmax 1(A) / F1(Hz): 80 /50; I LN (A): 72; UK(%): 4; LN(MH): 0.28; temperature rise/insulation class: 40 /B; IP00; connection: flat-type; EN 61558-2-20 >reactor<

| | | |
|---|---|---|
| **General technical data** | | |
| **product designation** | | Kommut.-Drossel f. Stromrichter |
| **phase number** | | 3 |
| **type of voltage** | | AC |
| **operating voltage rated value** | V | 400 |
| **operating frequency rated value** | Hz | 50 |
| • | | |
| — operational current at AC rated value | A | 72 |
| — current at AC maximum | A | 80 |
| • current at DC rated value | A | 98 |
| **peak current** | A | 100 |
| **inductivity rated value** | H | 0.00028 |
| **relative inductive drop in voltage for rated value of the current, voltage and frequency** | % | 4 |
| **power loss [W] of the coil** | W | 80 |
| **power loss [W] of the iron core** | W | 26.2 |
| **Mechanical data** | | |
| **type of electrical connection for main current circuit** | | flat connector |
| **width** | m | 0.219 |
| **height** | m | 0.179 |
| **depth** | m | 0.143 |
| **Ambient conditions** | | |
| **thermal class according to IEC 60085** | | B |
| **ambient temperature rated value** | °C | 40 |
| **protection class IP** | | IP00 |

**Certificates/ approvals**

| General Product Approval | other | Environment |
|---|---|---|
| EAC, CE EG-Konf., UKCA | Confirmation, 产品合格 QC PASS | Environmental Confirmations |

**Further information**

**Information on the packaging**
https://support.industry.siemens.com/cs/ww/en/view/109813875
**Information for data generation and storage**
https://support.industry.siemens.com/cs/ww/en/view/109995012


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