



COMMUTATING CHOKE FOR CONVERTER;  
PHASES:3; UN1(V):400; ITHMAX 1(A) / F1(HZ):31,5  
/50; I LN (A):28,35; UK(%):4; LN(MH):0,7; TA/ISOKL:40  
/B; IP00; TYPE OF TERMINALS:SCREW  
CONNECTION; EN 61558-2-20 >CHOKE<

Figure similar

| 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                              |
| Current                                                                                    |    |                                 |
| • at AC                                                                                    |    |                                 |
| — rated value                                                                              | A  | 28.35                           |
| — maximum                                                                                  | A  | 31.5                            |
| • at DC rated value                                                                        | A  | 38.6                            |
| Peak current                                                                               | A  | 39                              |
| Inductivity rated value                                                                    | H  | 0.0007                          |
| Relative inductive drop in voltage on the measurement level current, voltage and frequency | %  | 4                               |
| Power loss [W] of the coil                                                                 | W  | 55                              |
| Power loss [W] of the iron core                                                            | W  | 9                               |

#### Mechanical data:

|                                                        |   |                      |
|--------------------------------------------------------|---|----------------------|
| Type of electrical connection for main current circuit |   | screw-type terminals |
| Width                                                  | m | 0.178                |
| Height                                                 | m | 0.153                |
| Depth                                                  | m | 0.105                |

#### Ambient conditions:

|                                 |    |      |
|---------------------------------|----|------|
| Thermal class acc. to IEC 60085 |    | B    |
| Ambient temperature rated value | °C | 40   |
| Protection class IP             |    | IP00 |

#### Certificates/ approvals:

|                           |       |
|---------------------------|-------|
| Declaration of Conformity | other |
|---------------------------|-------|



[Bestätigungen](#)

#### Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4EP3701-7DS00>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/4EP3701-7DS00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4EP3701-7DS00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EP3701-7DS00&lang=en)

last modified:

10/07/2016