



Figure similar

COMMUTATING CHOKE FOR CONVERTER;  
PHASES:1; UN1(V):400; ITHMAX 1(A) / F1(HZ):14 /50;  
I LN (A):12,6; UK(%):4; LN(MH):3,46; TA/ISOKL:40 /B;  
IP00; TYPE OF TERMINALS:SCREW/TAB  
CONNECTION; EN 61558-2-20 >CHOKE<

| General technical data:                                                                    |    |                                 |
|--------------------------------------------------------------------------------------------|----|---------------------------------|
| Product designation                                                                        |    | Kommut.-Drossel f. Stromrichter |
| Phase number                                                                               |    | 1                               |
| Type of voltage                                                                            |    | AC                              |
| Operating voltage rated value                                                              | V  | 400                             |
| Operating frequency rated value                                                            | Hz | 50                              |
| Current                                                                                    |    |                                 |
| • at AC                                                                                    |    |                                 |
| — rated value                                                                              | A  | 12.6                            |
| — maximum                                                                                  | A  | 14                              |
| • at DC rated value                                                                        | A  | 17.1                            |
| Inductivity rated value                                                                    | H  | 0.0035                          |
| Relative inductive drop in voltage on the measurement level current, voltage and frequency | %  | 4                               |
| Power loss [W] of the coil                                                                 | W  | 14.6                            |
| Power loss [W] of the iron core                                                            | W  | 14.4                            |
| Mechanical data:                                                                           |    |                                 |

|                                                        |   |                                      |
|--------------------------------------------------------|---|--------------------------------------|
| Type of electrical connection for main current circuit |   | screw-type terminals / tab terminals |
| Width                                                  | m | 0.085                                |
| Height                                                 | m | 0.103                                |
| Depth                                                  | m | 0.108                                |

#### Ambient conditions:

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

#### Certificates/ approvals:

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=4EM4912-1CB00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4EM4912-1CB00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4EM4912-1CB00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EM4912-1CB00&lang=en)

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