



Figure similar

COMMUTATING CHOKE FOR CONVERTER; PHASES:3;  
UN1(V):400; ITHMAX 1(A) / F1(HZ):91,1 /60; I LN (A):81,99;  
UK(%):4; LN(MH):0,279; TA/ISOKL:40 /H; IP00; TYPE OF  
TERMINALS:FLAT-TYPE TERMINAL; EN 61558-2-20 >CHOKE<

| 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                                     | 60                                                  |
| <div><div></div><div>— operational current at AC rated value</div><div>— current at AC maximum</div><div>• current at DC rated value</div></div> | <div>A</div> <div>A</div> <div>A</div> | <div>81.99</div> <div>91.09</div> <div>111.59</div> |
| 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                                      | 80.2                                                |
| power loss [W] of the iron core                                                                                                                  | W                                      | 46.6                                                |
| Mechanical data                                                                                                                                  |                                        |                                                     |
| type of electrical connection for main current circuit                                                                                           |                                        | flat connector                                      |
| width                                                                                                                                            | m                                      | 0.225                                               |
| height                                                                                                                                           | m                                      | 0.21                                                |
| depth                                                                                                                                            | m                                      | 0.136                                               |
| Ambient conditions                                                                                                                               |                                        |                                                     |
| thermal class according to IEC 60085                                                                                                             |                                        | H                                                   |
| ambient temperature rated value                                                                                                                  | °C                                     | 40                                                  |
| protection class IP                                                                                                                              |                                        | IP00                                                |
| Certificates/ approvals                                                                                                                          |                                        |                                                     |
| General Product Ap-<br>proval                                                                                                                    | other                                  | Environment                                         |



[Confirmation](#)



[Environmental Con-  
firmations](#)

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>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4EU2421-0AB00-4B>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4EU2421-0AB00-4B>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4EU2421-0AB00-4B>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4EU2421-0AB00-4B&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EU2421-0AB00-4B&lang=en)

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