

Current transformer, 3-phase for contactor mounting and stand-alone installation
820 A / 1 A, 0.1 VA



Figure similar

product brand name		SIMOCODE			
product designation		Current transformer for overload protection			
product type designation		3UF18			
General technical data					
reference code according to IEC 81346-2		T			
Substance Prohibittance (day/month/year)		05/01/2012			
SVHC substance name		Lead CAS-No. 7439-92-1			
Net Weight		8.951 kg			
Inputs/ Outputs					
current at input		205 ... 820 A			
current at output maximum		1 A			
Precision					
measuring precision for current measurement 1		+/- 3 %, in range 205 A ... 4920 A, 50/60 Hz, 25 °C			
Installation/ mounting/ dimensions					
fastening method		screw mounting for mounting on contactors and stand-alone installations			
height		195 mm			
width		230 mm			
depth		170 mm			
Connections/ Terminals					
type of electrical connection					
• at input		flat connector			
• at output		screw-type terminals			
Ambient conditions					
ambient temperature during operation		-25 ... +60 °C			
Main circuit					
number of poles for main current circuit		3			
Approvals Certificates					
Environment	General Product Approval	EMV	For use in hazardous locations		
Environmental Conformations					
other					



[Confirmation](#)

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[Miscellaneous](#)

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=3UF1868-3GA00>

Cax online generator

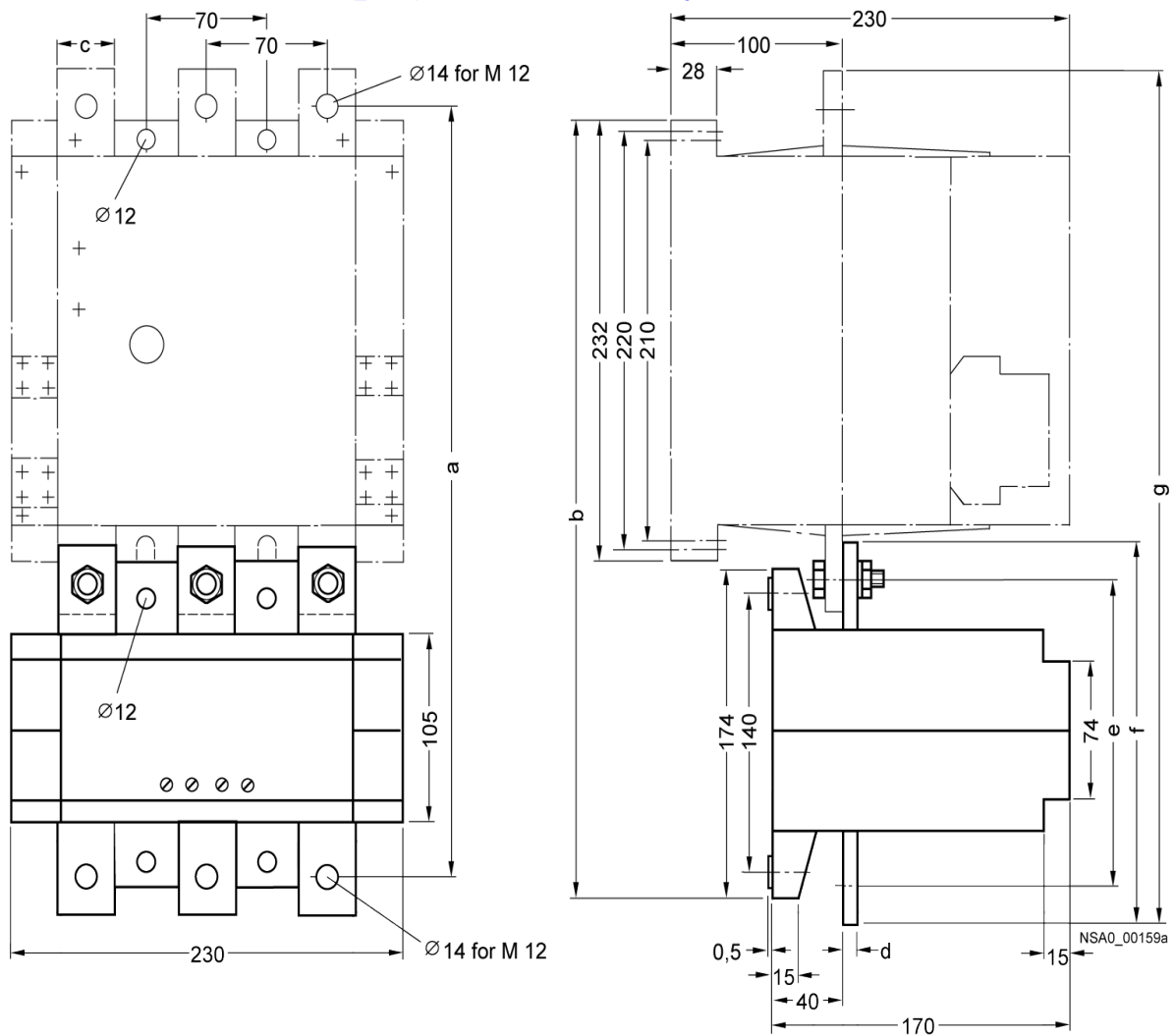
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3UF1868-3GA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3UF1868-3GA00>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3UF1868-3GA00&lang=en



Current transformers	Contactors	a	b	c	d	e	f	g
3UF18 68-3FA00	3TF68	390	398	30	5	145	175	420
3UF18 68-3GA00	3TF68	410	408	40	8	155	195	450

last modified:

3/21/2026

