

Surge suppressor Varistor < 48 V AC/< 70 V DC for contactors size 2...6

product category	Surge suppressor
product designation	Varistor
product type designation	3TX6
suitability for use	for 3T.3, 3T.4 and 3T.5 contactors

General technical data	
certificate of suitability	CE / UL / CSA
Substance Prohibittance (Date)	05/01/2012
Weight	0.07 kg
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	
• at 50 Hz rated value	48 V
• at 60 Hz rated value	48 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
control supply voltage at DC rated value	70 V
design of the surge suppressor	Varistor

Ambient conditions	
ambient temperature	
• during operation	-25 ... +55 °C
• during storage	-40 ... +80 °C

Approvals Certificates		
General Product Approval	other	Environment



EG-Konf.



UL



[Confirmation](#)

[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>

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=3TX6446-1A>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TX6446-1A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TX6446-1A>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TX6446-1A&lang=en

last modified:

8/8/2025