SIEMENS

Data sheet 3TK1542-0AF0

Figure similar

Contactor, AC-1, 4-pole, 800 A, main contacts 4 NO, Auxiliary contacts 2 NO + 2 NC, AC operation 110 V AC 50 Hz/120 V AC 60 Hz

protection class IP on the front	IP00
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	07/01/2006
ambient temperature during operation	-25 ... +55 °C
number of poles for main current circuit	4
number of NO contacts for main contacts	4
number of NC contacts for main contacts	0
operational current	
● at AC-1 at 400 V	
— at ambient temperature 40 °C rated value	800 A
● at AC-3 at 400 V rated value	550 A
operating power	
● at AC-1 at 400 V rated value	525 kW
● at AC-3 at 400 V rated value	280 kW
type of voltage of the control supply voltage	AC
control supply voltage at AC	
● at 50 Hz rated value	110 V
control supply voltage frequency	
● 1 rated value	50 Hz
● 2 rated value	60 Hz
control version of the switch operating mechanism	conventional
number of NC contacts for auxiliary contacts	2
● instantaneous contact	2
● lagging switching	0
number of NO contacts for auxiliary contacts	
● instantaneous contact	2
● leading contact	0
identification number and letter for switching elements	22
fastening method	screw fixing
● side-by-side mounting	Yes
height	272 mm
width	266 mm
depth	225.5 mm
type of electrical connection	
● for main current circuit	screw-type terminals
● for auxiliary and control circuit	screw-type terminals

Further information

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3TK1542-0AF0

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK1542-0AF0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TK1542-0AF0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK1542-0AF0&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current
https://support.industry.siemens.com/cs/ww/en/ps/3TK1542-0AF0/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK1542-0AF0&objecttype=14&gridview=view1

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