



Figure similar

Contactor, AC-1, 4-pole, 800 A, main contacts 4 NO, Auxiliary contacts 2 NO + 2 NC, AC operation 220...230 V AC 50 Hz/240 V AC 60 Hz

protection class IP on the front
reference code according to IEC 81346-2
Substance Prohibitation (Date)
ambient temperature during operation
number of poles for main current circuit
number of NO contacts for main contacts
number of NC contacts for main contacts
operational current

- at AC-1 at 400 V
 - at ambient temperature 40 °C rated value
- at AC-3 at 400 V rated value

operating power

- at AC-1 at 400 V rated value
- at AC-3 at 400 V rated value

type of voltage of the control supply voltage
control supply voltage at AC

- at 50 Hz rated value

control supply voltage frequency

- 1 rated value
- 2 rated value

control version of the switch operating mechanism
number of NC contacts for auxiliary contacts

- instantaneous contact
- lagging switching

number of NO contacts for auxiliary contacts

- instantaneous contact
- leading contact

identification number and letter for switching elements
fastening method

- side-by-side mounting

height
width
depth
type of electrical connection

- for main current circuit
- for auxiliary and control circuit

IP00
Q
07/01/2006
-25 ... +55 °C
4
4
0
800 A
550 A
525 kW
280 kW
AC
230 V
50 Hz
60 Hz
conventional
2
2
0
2
0
22
screw fixing
Yes
272 mm
266 mm
225.5 mm
screw-type terminals
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=3TK1542-0AP0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK1542-0AP0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK1542-0AP0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK1542-0AP0&lang=en

Characteristic: Tripping characteristics, I_t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TK1542-0AP0/char>

Further characteristics (e.g. electrical endurance, switching frequency)

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK1542-0AP0&objecttype=14&gridview=view1>

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