

Contactor, 3-pole, 1200 A/AC-1 Main contacts 3 NO Auxiliary contacts 3 NO + 2 NC, AC operation 220-240 V AC, 50/60 Hz

protection class IP on the front	IP00
reference code acc. to IEC 81346-2	Q
Substance Prohibitance (Date)	01.07.2006
ambient temperature during operation	-25 ... +55 °C
number of poles for main current circuit	3
number of NO contacts for main contacts	3
number of NC contacts for main contacts	0
operational current <ul style="list-style-type: none"> at AC-1 at 400 V <ul style="list-style-type: none"> at ambient temperature 40 °C rated value at AC-3 at 400 V rated value 	1 200 A 700 A
operating power <ul style="list-style-type: none"> at AC-1 at 400 V rated value at AC-3 at 400 V rated value 	655 kW 370 kW
type of voltage of the control supply voltage	AC
control supply voltage at AC <ul style="list-style-type: none"> at 50 Hz rated value 	240 ... 208 V
control supply voltage frequency <ul style="list-style-type: none"> 1 rated value 2 rated value 	50 Hz 50 Hz
control version of the switch operating mechanism	conventional
number of NC contacts for auxiliary contacts <ul style="list-style-type: none"> instantaneous contact lagging switching 	2 2 0
number of NO contacts for auxiliary contacts <ul style="list-style-type: none"> instantaneous contact leading contact 	2 0
identification number and letter for switching elements	22
fastening method <ul style="list-style-type: none"> side-by-side mounting 	screw fixing Yes
height	272 mm
width	266 mm
depth	225.5 mm
type of electrical connection <ul style="list-style-type: none"> for main current circuit for auxiliary and control circuit 	screw-type terminals screw-type terminals

Further information

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=3TK1832-0AM7>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK1832-0AM7>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK1832-0AM7>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK1832-0AM7&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TK1832-0AM7/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK1832-0AM7&objecttype=14&gridview=view1>

last modified:

12/23/2020 