



Figure similar

Contactor, AC-1, 4-pin, 250 A, main contacts 4 NO, Auxiliary contacts 2 NO + 2 NC, AC operation 220...230 V AC 50 Hz !!! Phased-out product !!!  
Successor is SIRIUS 3RT Preferred successor type is 3RT1363-6AP36

protection class IP on the front	IP00
reference code acc. to IEC 81346-2	Q
<ul style="list-style-type: none"><li>ambient temperature during operation</li></ul>	-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 <ul style="list-style-type: none"><li>at AC-1 at 400 V<ul style="list-style-type: none"><li>— at ambient temperature 40 °C rated value</li></ul></li><li>at AC-3 at 400 V rated value</li></ul>	250 A 145 A
operating power <ul style="list-style-type: none"><li>at AC-1 at 400 V rated value</li><li>at AC-3 at 400 V rated value</li></ul>	165 kW 75 kW
type of voltage of the control supply voltage	AC
control supply voltage at AC <ul style="list-style-type: none"><li>at 50 Hz rated value</li></ul>	230 V
control supply voltage frequency <ul style="list-style-type: none"><li>1 rated value</li><li>2 rated value</li></ul>	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"><li>instantaneous contact</li><li>lagging switching</li></ul>	2 2 0
number of NO contacts for auxiliary contacts <ul style="list-style-type: none"><li>instantaneous contact</li><li>leading contact</li></ul>	2 0
identification number and letter for switching elements	22
fastening method <ul style="list-style-type: none"><li>side-by-side mounting</li></ul>	screw fixing Yes
height	156 mm
width	186 mm
depth	154.5 mm
type of electrical connection <ul style="list-style-type: none"><li>for main current circuit</li><li>for auxiliary and control circuit</li></ul>	screw-type terminals screw-type terminals
General Product Approval	
Declaration of Conformity	
Test Certificates	



[Miscellaneous](#)

[Special Test  
Certificate](#)

other

[Confirmation](#)

#### 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=3TK1142-0AP0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK1142-0AP0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK1142-0AP0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TK1142-0AP0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK1142-0AP0&lang=en)

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TK1142-0AP0/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK1142-0AP0&objecttype=14&gridview=view1>

last modified:

11/4/2020