SIEMENS

Data sheet 3TK1342-0AP0

Figure similar

Contactor, AC-1, 4-pin, 350 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 3RT1364-6AP36

protection class IP on the front	IP00
reference code acc. to IEC 81346-2	Q
● 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	350 A
● at AC-3 at 400 V rated value	210 A
operating power	
● at AC-1 at 400 V rated value	230 kW
● at AC-3 at 400 V rated value	110 kW
type of voltage of the control supply voltage	AC
control supply voltage at AC	
● at 50 Hz rated value	230 V
control supply voltage frequency	
● 1 rated value	50 Hz
● 2 rated value	50 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	198 mm
width	225 mm
depth	172 mm
type of electrical connection	
● for main current circuit	screw-type terminals
● for auxiliary and control circuit	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=3TK1342-0AP0
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK1342-0AP0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TK1342-0AP0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK1342-0AP0&lang=en
Characteristic: Tripping characteristics, I²t, Let-through current
https://support.industry.siemens.com/cs/ww/en/ps/3TK1342-0AP0/char
Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK1342-0AP0&objecttype=14&gridview=view1

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