



RES.CUR.OP.CIR.BR.W.OV.CUR.PROT TYPE F 30MA,  
10KA, 1+N-POLE, C 40A

### General technical data:

<b>mounting position</b>		any
<b>Current / for AC / rated value</b>	A	40
<b>Resistance to impulse current / [not supplied - at (8/20) μs]</b>	kA	3
<b>Design of the fault-current type</b>		F
<b>Design of the product</b>		Short-time delayed
<b>Release fault-current / rated value</b>	A	0.03
<b>Number of pitch units for width</b>		2
<b>Degree of pollution</b>		2
<b>Tripping characteristic class</b>		C
<b>Position / of power supply cord</b>		Optionally top or bottom
<b>Mechanical operating cycles as operating time / typical</b>		10,000
<b>Energy limiting class</b>		3
<b>Overvoltage class</b>		3
<b>Product equipment / touch-protection</b>		Yes
<b>Supply voltage</b>		
• for AC / rated value	V	230
• for testing equipment / minimum	V	100
<b>Number of poles /note</b>		
•		1P+N

<ul style="list-style-type: none"> <li>• with protection</li> </ul>		1
<b>Switching capacity current</b> <ul style="list-style-type: none"> <li>• in accordance with IEC 60947-2 / rated value</li> <li>• acc. to EN 60898 / rated value</li> </ul>	kA	15
	kA	10
<b>Ambient temperature</b> <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	°C	-25
	°C	55
<b>Influence of the surrounding temperature</b>		Max. 95% humidity
<b>Ambient temperature / during storage</b> <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	°C	-40
	°C	75
<b>Section de conducteur raccordable</b> <ul style="list-style-type: none"> <li>• solid <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul> </li> <li>• multibrin <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul> </li> <li>• finely stranded / with wire end processing <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul> </li> </ul>	mm <sup>2</sup>	0.75
	mm <sup>2</sup>	35
	mm <sup>2</sup>	0.75
	mm <sup>2</sup>	35
	mm <sup>2</sup>	0.75
	mm <sup>2</sup>	25
<b>Tightening torque / with screw-type terminals</b> <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	N·m	2.5
	N·m	3
<b>Product feature</b> <ul style="list-style-type: none"> <li>• [not supplied - silicon-free]</li> <li>• halogen-free</li> </ul>		Yes
		Yes
<b>Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30</b>		26
<b>Item designation</b> <ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul>		F
		F

#### Certificates/approvals:

##### General Product Approval



#### Further information:

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**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

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**Industry Mall (Online ordering system)**

<http://www.siemens.com/lowvoltage/mall>

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

<http://support.automation.siemens.com/WW/view/en/5SU1354-4KK40/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SU1354-4KK40](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1354-4KK40)

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**CAX-Online-Generator**

<http://www.siemens.com/cax>

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**last change:**

Feb 18, 2013