



CIRCUIT BREAKER 400V 6KA, 3+N-POLE, B, 40A

Similar to image

### Technical data:

<b>Current / for AC / rated value</b>	A	40
<b>Tripping characteristic class</b>		B
<b>type of voltage</b>		AC/DC
<b>Supply voltage</b>		
• for AC / rated value	V	400
• with multi-phase operation / with AC / rated value	V	400
<b>Operating voltage</b>		
• minimum	V	24
• with multi-phase operation / with AC / maximum	V	440
• for DC / rated value / maximum	V	60
<b>Supply voltage frequency / rated value</b>	Hz	50
<b>Number of poles</b>		4
<b>Number of poles /note</b>		3P+N
<b>Switching capacity current</b>		
• in accordance with IEC 60947-2 / rated value	kA	6
• acc. to EN 60898 / rated value	kA	6
<b>Number of pitch units for width</b>		4
<b>Product extension / can be installed / supplementary device</b>		Yes

<b>Product feature / sealable</b>		Yes
<b>Built in orientation</b>		any
<b>Protection class IP</b>		IP20, with connected conductors
<b>Degree of pollution</b>		2
<b>Ambient temperature</b>		
• minimum	°C	-25
• maximum	°C	45
<b>Influence of the surrounding temperature</b>		Periodically +55°C, max. 95% humidity
<b>Ambient temperature / during storage</b>		
• minimum	°C	-40
• maximum	°C	75
<b>Mechanical operating cycles as operating time / typical</b>		20,000
<b>Product equipment / touch-protection</b>		Yes
<b>Insulation voltage</b>		
• with multi-phase operation / with AC / rated value	V	440
<b>Section de conducteur raccordable</b>		
• solid		
• minimum	mm <sup>2</sup>	0.75
• maximum	mm <sup>2</sup>	35
• multibrin		
• minimum	mm <sup>2</sup>	0.75
• maximum	mm <sup>2</sup>	35
• finely stranded / with wire end processing		
• minimum	mm <sup>2</sup>	0.75
• maximum	mm <sup>2</sup>	25
<b>Tightening torque / with screw-type terminals</b>		
• minimum	N·m	2.5
• maximum	N·m	3
<b>Product feature</b>		
• [not supplied - silicon-free]		Yes
• halogen-free		Yes
<b>Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30</b>		6

#### Certificates/approvals:

General Product Approval

Declaration of  
Conformity

other

[CEBEC](#)

[ROSTEST](#)



[Manufacturer](#)

[other](#)

#### Further information:

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

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

##### Industry Mall (Online ordering system)

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

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

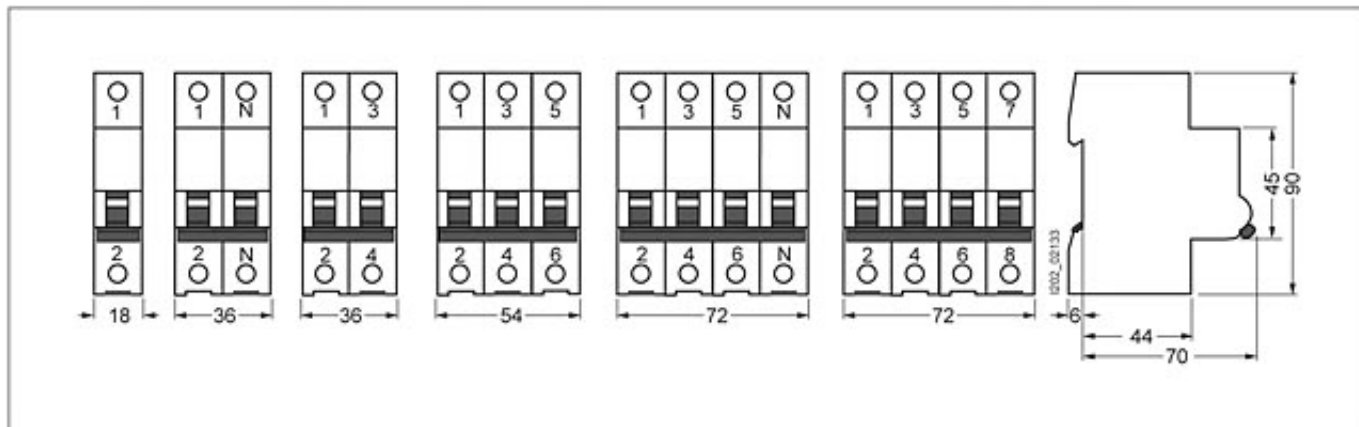
<http://support.automation.siemens.com/WW/view/en/5SL6640-6/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SL6640-6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6640-6)

##### CAX-Online-Generator

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



last change:

Dec 10, 2011