

FI/LS-PROTECTOR TYPE B UNIV. CURRENT  
SENSIT. IFN 300MA, 10KA, 4-POLEE C 125A FOR  
PARTIAL SHUTDOWN



Figure similar

Model		
product brand name		SENTRON
Product designation		SIQUENCE universal current-sensitive RCBO
<b>Design of the product</b>		selective
<b>version</b>		SIQUENCE all current sensitive RCCB/MCB
General technical data		
<b>Number of poles</b>		4
<b>Number of poles / Note</b>		4P
<b>Number of poles / with protection</b>		4
<b>Tripping characteristic class</b>		C
<b>circuit-breaker / Design</b>		5SU1
<b>Mechanical service life (switching cycles) / typical</b>		10 000
<b>Overvoltage category</b>		III
Voltage		
<b>Surge current resistance / at (8/20) <math>\mu</math>s</b>	kA	5
Supply voltage		
Supply voltage frequency / Rated value	Hz	50
Protection class		
<b>Protection class IP</b>		IP20, if the distribution board is installed, with connected conductors
<b>Energy limiting class</b>		3
Switching capacity		
<b>Switching capacity current</b>		

- acc. to EN 60898 / Rated value
- acc. to IEC 60947-2 / Rated value

kA	10
kA	15

### Electricity

<b>Tripping residual current / Rated value</b>	mA	300
rated current $I_n$ / IEC, DIN/VDE / at 40 Cel	A	115.62
Current / with AC / Rated value	A	125

### Product details

Product feature / Touch protection		Yes
<b>Product property</b>		
• halogen-free		Yes
• silicon-free		Yes

### Product function

Product function / neutral conductor switching		Yes
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### Number

<b>Number of test cycles / for environmental testing / acc. to IEC 60068-2-30</b>		26
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### Connections

<b>Connectable conductor cross-section / stranded</b>		
• minimum	mm <sup>2</sup>	6
• maximum	mm <sup>2</sup>	50
<b>Connectable conductor cross-section</b>		
• solid		
— minimum	mm <sup>2</sup>	6
— maximum	mm <sup>2</sup>	50
• finely stranded / with core end processing		
— minimum	mm <sup>2</sup>	6
— maximum	mm <sup>2</sup>	35
<b>Tightening torque / with screw-type terminals</b>		
• minimum	N·m	3
• maximum	N·m	3.5
Position / of power supply cord		Either top or bottom

### Mechanical Design

<b>Height</b>	mm	90
<b>Width</b>	mm	198
<b>Depth</b>	mm	77
<b>mounting position</b>		any
<b>Installation depth</b>	mm	70
<b>Number of width units</b>		11

### Environmental conditions

<b>Influence of the surrounding temperature</b>		Max. 95% humidity
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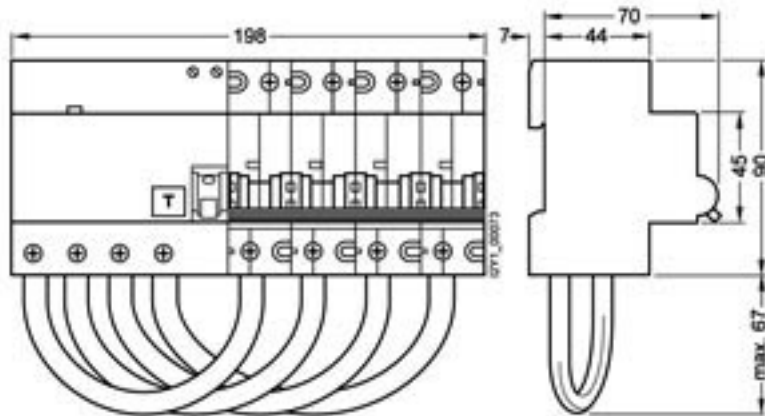
**Ambient temperature**

• minimum	°C	-25
• maximum	°C	55
• during storage / minimum	°C	-40
• during storage / maximum	°C	75

**Certificates****Equipment marking**

• acc. to DIN EN 61346-2	F
• acc. to DIN EN 81346-2	F

**General Product Approval****Declaration of  
Conformity****other**[other](#)[Environmental  
Confirmations](#)**Further information****Information- and Downloadcenter (Catalogs, Brochures,...)**<http://www.siemens.com/lowvoltage/catalogs>**Industry Mall (Online ordering system)**<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SU16747BK82>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<http://support.automation.siemens.com/WW/view/en/5SU16747BK82/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SU16747BK82](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU16747BK82)**CAX-Online-Generator**<http://www.siemens.com/cax>**Tender specifications**<http://ausschreibungstexte.siemens.com/tiplv>



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11.03.2015