



FI/LS-PROTECTOR TYPE A (PSE/SSF),  
D=70MM IFN 300MA,10KA, 1+N-POLEE B 20A

### General technical data:

product brand name		SENTRON
Current / for AC / rated value	A	20
Tripping characteristic class		B
Supply voltage / for AC / rated value	V	230
Supply voltage / for testing equipment / minimum	V	100
Number of poles /note		1P+N
Number of poles / with protection		1
• in accordance with IEC 60947-2 / rated value	kA	15
• acc. to EN 60898 / rated value	kA	10
Resistance to impulse current / [not supplied - at (8/20) µs]	kA	1
Type of fault current		A
Design of the product		Instantaneous
Release fault-current / rated value	mA	300
Active power loss / at rated value current / with AC / in warm operating state / per pole	W	3.7
Number of width units		2
mounting position		any
Degree of pollution		2
Influence of the surrounding temperature		Max. 95% humidity

<b>Ambient temperature</b> • during storage	°C	-25 ... +55 -40 ... 75
<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>		III
<b>Product equipment / touch-protection</b>		Yes
<b>Conductor cross-section that can be connected</b> • solid • multibrin • finely stranded • with wire end processing	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	0.75 ... 35 0.75 ... 35 0.75 ... 25
<b>Tightening torque</b> • with screw-type terminals	N·m	2.5 ... 3
<b>Product feature</b> • silicon-free • halogen-free		Yes Yes
<b>Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30</b>		26
<b>Height</b>	mm	90
<b>Width</b>	mm	36
<b>Depth</b>	mm	77
<b>Reference ID / according to DIN EN 61346-2</b>		F
<b>Item designation / according to DIN EN 81346-2</b>		F

#### Certificates/approvals:

##### General Product Approval

##### Declaration of Conformity



CCC



GOST



IMQ

[other](#)



VDE



EG-Konf.

##### other

[Environmental  
Confirmations](#)

#### Further information:

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

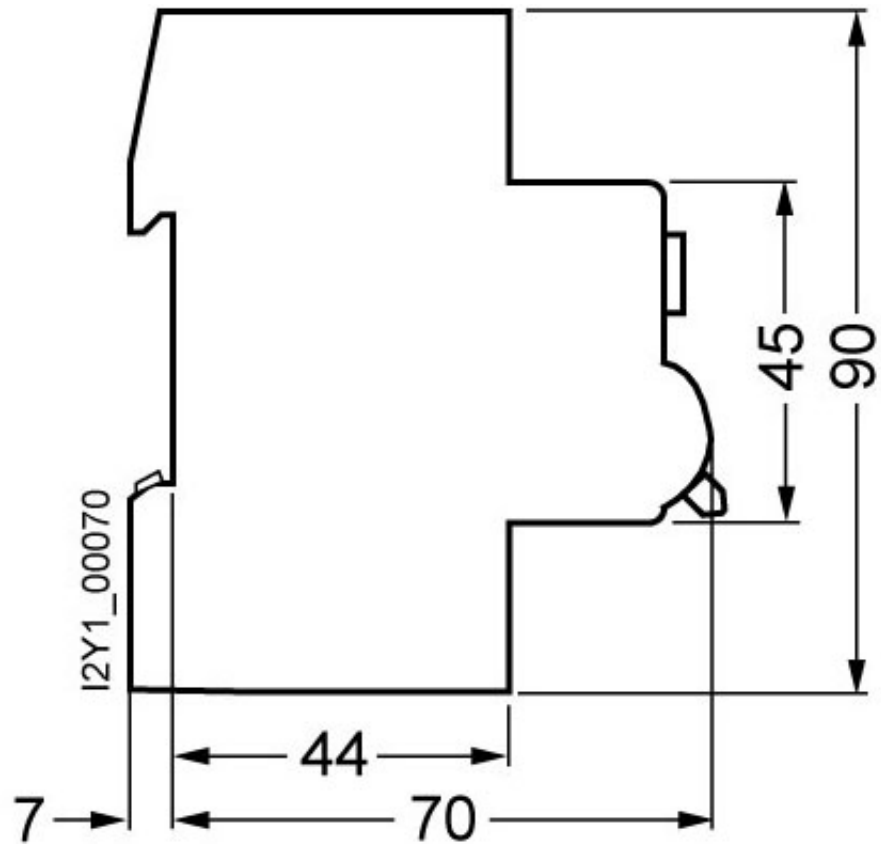
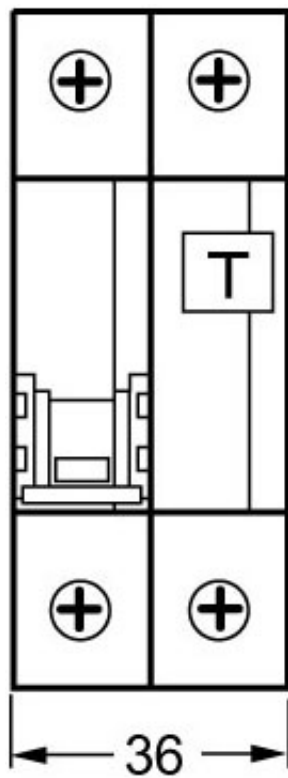
<http://www.siemens.com/lowvoltage/catalogs>

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

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SU1654-6KK20>

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

<http://support.automation.siemens.com/WW/view/en/5SU1654-6KK20/all>



last change:

Mar 15, 2014