



FI/LS-PROTECTOR TYPE AC (WS),
D=70MM IFN 30MA, 6KA, 1+N-POLEE C 6A

General technical data:		
product brand name		SENTRON
Current / for AC / rated value	A	6
Tripping characteristic class		C
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
<ul style="list-style-type: none"> • in accordance with IEC 60947-2 / rated value • acc. to EN 60898 / rated value 	kA	10
	kA	6
Resistance to impulse current / [not supplied - at (8/20) μs]	kA	1
Type of fault current		AC
Design of the product		Instantaneous
Release fault-current / rated value	mA	30
Active power loss / at rated value current / with AC / in warm operating state / per pole	W	1.9
Number of width units		2
mounting position		any
Degree of pollution		2
Influence of the surrounding temperature		Max. 95% humidity

Ambient temperature • during storage	°C	-25 ... +55 -40 ... 75
Position / of power supply cord		Optionally top or bottom
Mechanical operating cycles as operating time / typical		10,000
Energy limiting class		3
Overvoltage class		III
Product equipment / touch-protection		Yes
Conductor cross-section that can be connected • solid • multibrin • finely stranded • with wire end processing	mm ² mm ² mm ²	0.75 ... 35 0.75 ... 35 0.75 ... 25
Tightening torque • with screw-type terminals	N-m	2.5 ... 3
Product feature • silicon-free • halogen-free		Yes Yes
Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30		26
Reference code / according to DIN EN 61346-2		F
Item designation / according to DIN EN 81346-2		F

Certificates/approvals:

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/5SU1356-1KK06>

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

<http://support.automation.siemens.com/WW/view/en/5SU1356-1KK06/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1356-1KK06

CAx-Online-Generator

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

last change:

May 16, 2014