



FI/LS-PROTECTOR TYPE AC (WS),
D=70MM IFN 30MA, 6KA, 1+N-POLEE C 40A

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

<ul style="list-style-type: none"> • with protection 		1
Switching capacity current <ul style="list-style-type: none"> • in accordance with IEC 60947-2 / rated value • acc. to EN 60898 / rated value 	kA	10
	kA	6
Ambient temperature <ul style="list-style-type: none"> • minimum • maximum 	°C	-25
	°C	55
Influence of the surrounding temperature		Max. 95% humidity
Ambient temperature / during storage <ul style="list-style-type: none"> • minimum • maximum 	°C	-40
	°C	75
Section de conducteur raccordable <ul style="list-style-type: none"> • solid <ul style="list-style-type: none"> • minimum • maximum • multibrin <ul style="list-style-type: none"> • minimum • maximum • finely stranded / with wire end processing <ul style="list-style-type: none"> • minimum • maximum 	mm ²	0.75
	mm ²	35
	mm ²	0.75
	mm ²	35
	mm ²	0.75
	mm ²	25
Tightening torque / with screw-type terminals <ul style="list-style-type: none"> • minimum • maximum 	N·m	2.5
	N·m	3
Product feature <ul style="list-style-type: none"> • [not supplied - silicon-free] • halogen-free 		Yes
		Yes
Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30		26
Item designation <ul style="list-style-type: none"> • according to DIN EN 61346-2 • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 		F
		F

Certificates/approvals:

General Product Approval



CCC



GOST



IMQ

[other](#)



VDE



ÖVE

Declaration of
Conformity

other



EG-Konf.

[Environmental
Confirmations](#)

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/5SU1356-1KK40/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1356-1KK40

CAX-Online-Generator

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

last change:

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