SIEMENS

Product data sheet **5SU1644-7KK82**

FI/LS-PROTECTOR TYPE A (PSE),
D=70MM IFN 300MA, 10KA, 4-POLEE C 125A

General technical data:		
mounting position		any
Height	mm	90
Width	mm	198
Depth	mm	77
Current / for AC / rated value	A	125
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	0.3
Number of pitch units for width		11
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	400
• for testing equipment / minimum	V	100

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Number of poles /note		
•		4P
• with protection		4
Switching capacity current		
• in accordance with IEC 60947-2 / rated value	kA	15
• acc. to EN 60898 / rated value	kA	10
Ambient temperature		
• minimum	°C	-25
• maximum	°C	55
Influence of the surrounding temperature		Max. 95% humidity
Ambient temperature / during storage		
• minimum	°C	-40
• maximum	°C	75
Section de conducteur raccordable		
• solid		
• minimum	mm²	6
• maximum	mm²	50
• multibrin		
• minimum	mm²	6
• maximum	mm²	50
• finely stranded / with wire end processing		
• minimum	mm²	6
• maximum	mm²	35
Tightening torque / with screw-type terminals		
• minimum	N·m	3
• maximum	N·m	3.5
Product feature		
• [not supplied - silicon-free]		Yes
• halogen-free		Yes
Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30		26
Item designation		
• according to DIN EN 61346-2		F
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		F

Certificates/approvals:

General Product Approval

GOST   VDE

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/5SU1644-7KK82/all
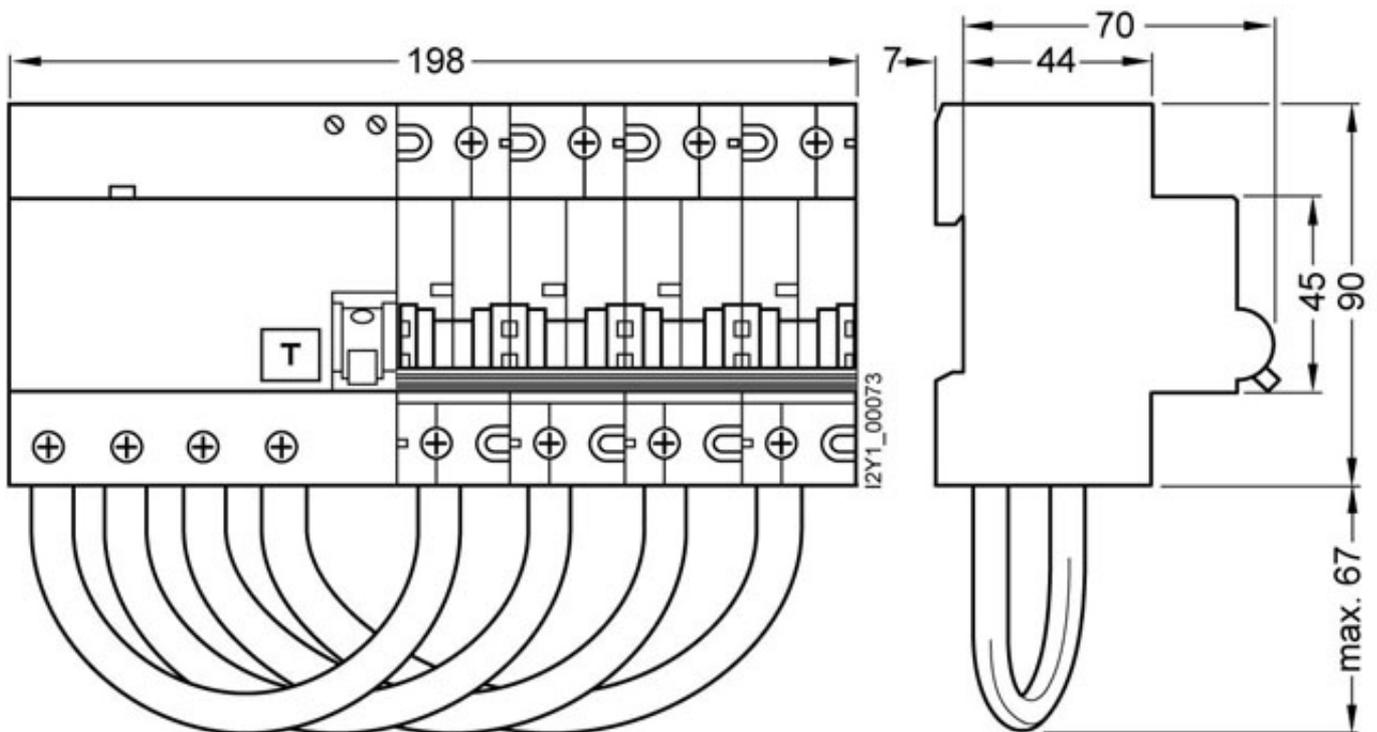
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1644-7KK82

CAx-Online-Generator
http://www.siemens.com/cax

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