## **SIEMENS**

Product data sheet 5SM3642-4



RES.CURR. OP.CIRC. BR. SIQUENCE TYPE B SENS. TO. UNIV. CURRENT 25A 3+N-POL IFN 300MA 400V 4MW SHORT-TIME DELAYED

Similar to image

Technical data:		
mounting position		any
Height	mm	90
Width	mm	72
Depth	mm	77
Net weight	g	543
Design of the product		Short-time delayed
Supply voltage / for AC / rated value	V	400
Active power loss / at rated value current / with AC / in warm operating state / per pole	W	0.55
Resistance against the impulse current / rated value	kA	3
Ambient temperature	°C	-25 +45
Ambient temperature		
during storage	°C	-40 <b>+7</b> 5
Mechanical operating cycles as operating time / typical		10,000
Overvoltage class		Ш
Supply voltage / for testing equipment / minimum	V	195
Protection against electrical shock		Finger and back-of-hand safe
Position / of power supply cord		top or bottom

Tightening torque		
with screw-type terminals	N⋅m	2.5 3
Section de conducteur raccordable		
• solid	mm²	1.5 25
• multibrin	mm²	1.5 25
Product feature		
• silicon-free		Yes
• halogen-free		Yes
Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30		28
Item designation		
according to DIN EN 61346-2		F
according to DIN EN 81346-2		F

## Certificates/approvals:

**General Product Approval** 

Declaration of Conformity

other







Environmental Confirmations

## **Further information:**

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

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

Industry Mall (Online ordering system)

 $\underline{\text{https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SM3642-4}}$ 

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

http://support.automation.siemens.com/WW/view/en/5SM3642-4/all

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

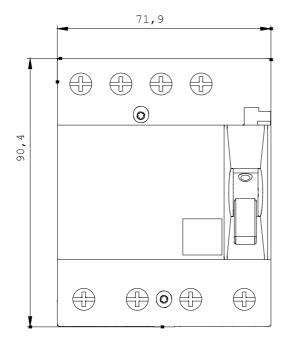
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SM3642-4

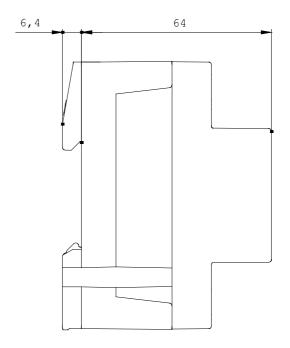
**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

Datanorm GAEB81 GAEB83 RTF TXT





last change: Mar 17, 2014