SIEMENS

Product data sheet 3RT1946-4GA07

TERMINAL BLOCK, UL/CSA,
FOR CIRCUIT-BREAKERS SIZE S3,

General technical data:		
product brand name		SIRIUS
product designation		Terminal block type E according to UL
Size of the circuit-breaker		S3
Protection class IP / on the front		IP20
Insulation voltage / with degree of pollution 3		
• rated value	V	690
Ambient temperature		
• during storage	°C	-50 … +80
• during operating	°C	-20 … +60
Current-carrying capacity / maximum	A	100

Installation/mounting/dimensions:		
Width	mm	70
Acceptability for application / makes the assembly of self-protected combination motor controllers (type E) according to UL 508 possible		Yes

Connections:		
Design of the electrical connection		
• for main current circuit		screw-type terminals
Type of the connectable conductor cross-section		

subject to modifications
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• for main contacts	
• solid	2x (2.5 ... 16 mm²)
• stranded	2x (10 ... 50 mm²), 1x (10 ... 70 mm²)
• finely stranded	
• with conductor end processing	2x (2.5 ... 35 mm²), 1x (2.5 ... 50 mm²)
• for AWG conductors / for main contacts	2x (10 ... 1/0), 1x (10 ... 2/0)

Certificates/approvals:

Verification of suitability — CE / UL / CSA / CCC

General Product Approval	Functional Safety / Safety of Machinery	Declaration of Conformity	Test Certificates
GOST	Type Examination	EG-Konf.	Special Test Certificate

Shipping Approval

ABS | BUREAU VERITAS | DNV | GL | LRS | PRS

Shipping Approval	other			
RINA, RMRS	Confirmation	Declaration of Conformity	other	Environmental Confirmations

Further information:

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall

Cax online generator:
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RT1946-4GA07/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1946-4GA07

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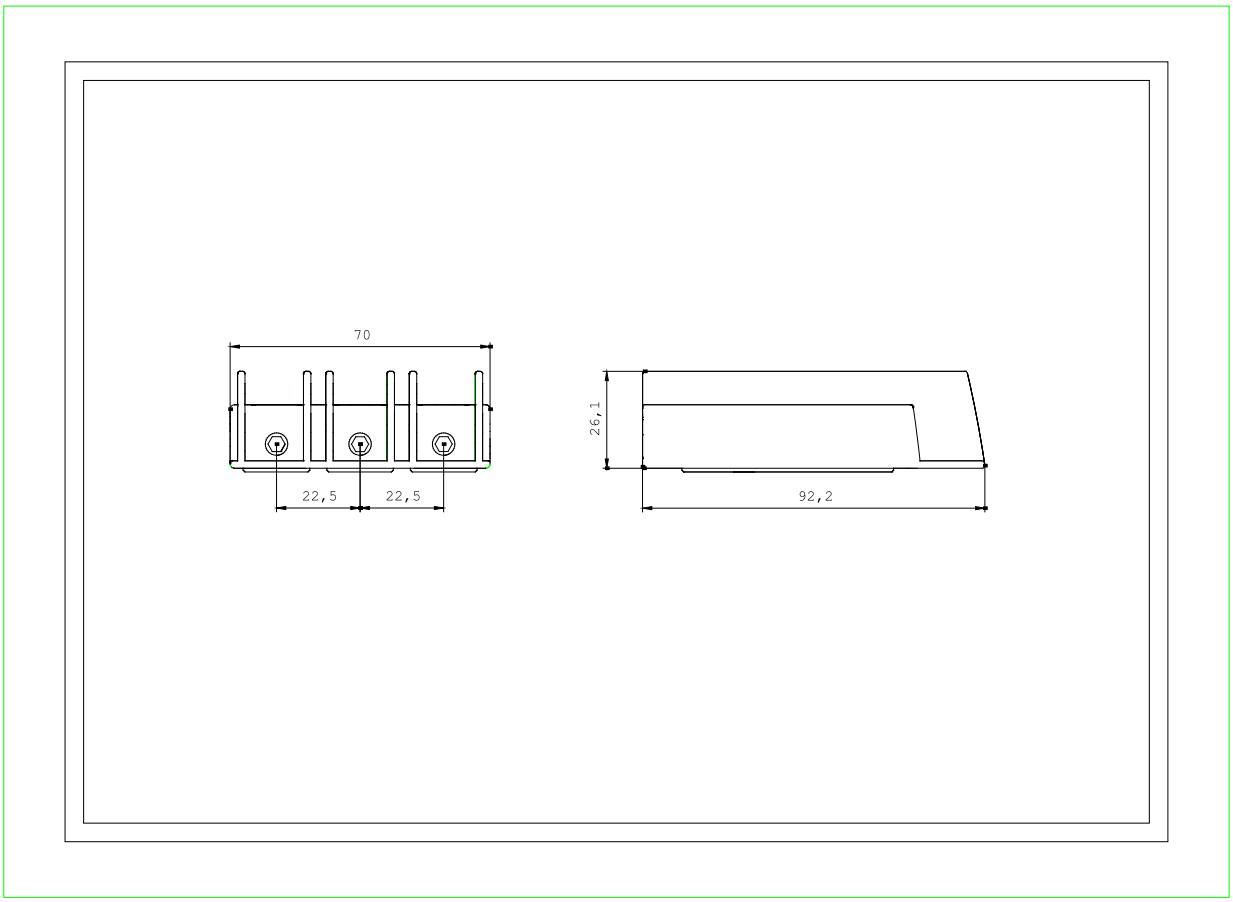

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