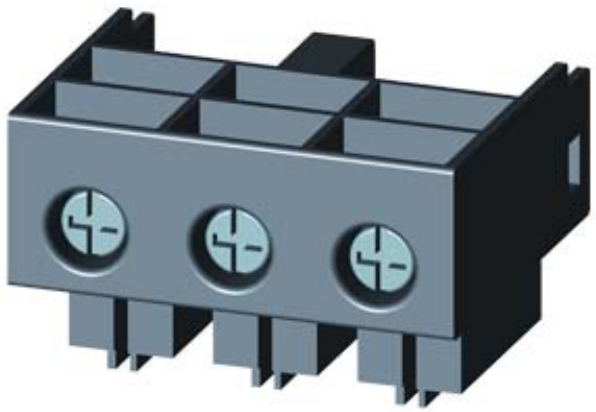
SIEMENS

Product data sheet 3RA6920-1A

MAIN CIRCUIT TERMINALS (INTEGRATION AND CONNECTION OF MAIN CIRCUIT: SCREW TERMINAL, 2 MAIN CIRCUIT TERMINAL P. PACK



General technical data:		
product brand name		SIRIUS
product designation		main circuit terminals (ingoing as well as outgoing)
Protection class IP		IP20
Relative humidity		
• during operating phase	%	10 … 90
Ambient temperature		
• during transport	°C	-55 … +80
• during storage	°C	-55 … +80
• during operating	°C	-20 … +60
Item designation		
• according to DIN EN 61346-2		X
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		X

Installation/mounting/dimensions:		
Width	mm	45
Height	mm	32
Depth	mm	30

Connections:

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Wire stripping length	mm	10
Design of the electrical connection		
• for main current circuit		screw-type terminals
• for auxiliary and control current circuit		screw-type terminals
Type of the connectable conductor cross-section		
• for main contacts		
• solid		up to 12 A: 2x (1.5 ... 2.5 mm²), 2x (2.5 ... 6 mm²), up to 32 A: 2x (2.5 ... 6 mm²)
• finely stranded / with conductor end processing		up to 12 A: 2x (1.5 ... 2.5 mm²), 2x (2.5 ... 6 mm²) up to 32 A: 2x (2.5 ... 6 mm²)
• for AWG conductors / for main contacts		up to 12 A: 2x (16 ... 14), 2x (14 ... 10), 1x 8, up to 32 A: 2x (14 ... 10), 1x 8
Design of screw-type connection		
• for auxiliary contacts		M6
Tightening torque / for auxiliary contacts		
• with screw-type terminals	N·m	2 … 2.5

Certificates/approvals:

Verification of suitability		IEC / EN 60947-6-2

General Product Approval			**EMC**
CSA	GOST	UL	C-TICK

Shipping Approval			
BUREAU VERITAS	DNV	PRS	RINA

other		
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/3RA6920-1A/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA6920-1A

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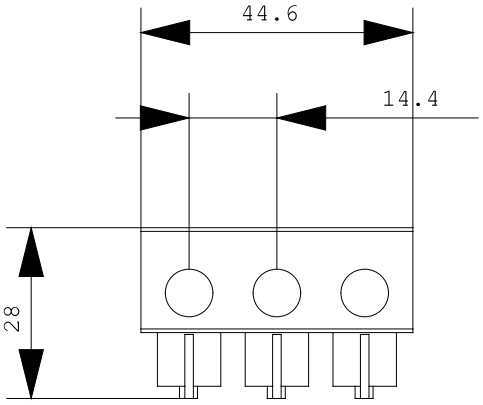

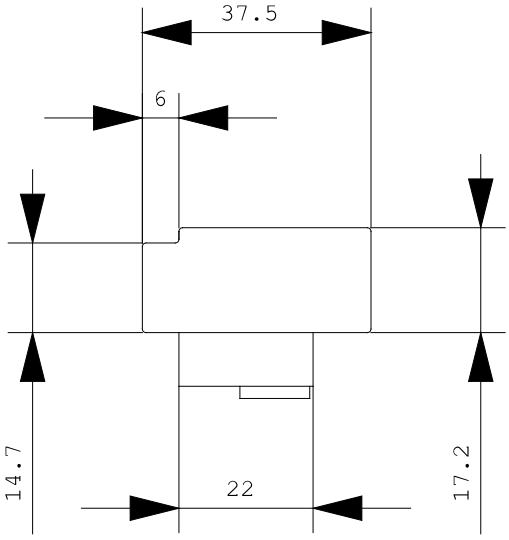

last change: Mar 4, 2013

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