

CONTACTOR SIZE 8,3-POLE AC-3, 90KW, 400/380V AUXILIARY CONTACTS 22 (2NO+2NC) DC SOLENOID SYSTEM DC 220V

General technical data:

Size of contactor	8
Protection class IP on the front	IP00
Ambient temperature during operation	-25 ... +55 °C
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Equipment marking acc. to DIN EN 61346-2	Q
Number of poles for main current circuit	3
Operating current at AC-1 at 400 V	
• at ambient temperature 40 °C rated value	230 A
• at ambient temperature 60 °C rated value	200 A
Surge voltage resistance rated value	8 kV

Main circuit:

Number of NC contacts for main contacts	0
Number of NO contacts for main contacts	3
Operating current at AC-3 at 400 V rated value	170 A
Operating power	
• at AC-3 at 400 V rated value	90 kW
• at AC-1 at 400 V rated value	132 kW

Control circuit/ Control:

Control version of the switch operating mechanism	conventional
Type of voltage of the control supply voltage	DC
Control supply voltage	
• at DC	
— rated value	220 V

Auxiliary circuit:

Number of NC contacts for auxiliary contacts	
• lagging switching	0
• instantaneous contact	2
Number of NO contacts for auxiliary contacts	
• leading contact	0
• instantaneous contact	2

Connections/ Terminals:

Type of electrical connection	
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- for main current circuit
- for auxiliary and control current circuit

screw-type terminals

screw-type terminals





Identification number and letter for switching elements

22

Mechanical data:

Mounting type	screw fixing
Mounting type Side-by-side mounting	Yes
Width	135 mm
Height	180 mm
Depth	217 mm

Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certificates
 CCC	 UR		Baumusterprüfbescheinigung  EG-Konf.
			spezielle Prüfbescheinigung n

other

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Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

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

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TB5217-0BM4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TB5217-0BM4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TB5217-0BM4&lang=en

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