



CAPACITOR SW. CONTACTOR, AC-6,
50KVAR/400V,
AC 110V 50HZ/ AC 120V 60HZ, 3-POLE,
SIZE S3

General details:

Number of poles		3
Mounting type		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
• series installation		Yes
Operating reactive power / at AC-6b		
• at 230 V / at 50/60 Hz / rated value		
• minimum	kvar	3.5
• maximum	kvar	30
• at 400 V / at 50/60 Hz / rated value		
• minimum	kvar	5
• maximum	kvar	50
• at 500 V / at 50/60 Hz / rated value		
• minimum	kvar	7.5
• maximum	kvar	60
• at 690 V / at 50/60 Hz / rated value		
• minimum	kvar	10
• maximum	kvar	84
Reference code / according to DIN EN 61346-2		Q
Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K

Protection class IP		IP20
Width	mm	70
Height	mm	167
Depth	mm	183
Ambient temperature • during operating	°C	-25 ... +60

Control circuit:

Type of voltage		AC
Control supply voltage • at 50 Hz / at AC / rated value / minimum • at 50 Hz / at AC / rated value / maximum • at 60 Hz / at AC / rated value / minimum • at 60 Hz / at AC / rated value / maximum	V V V V	110 110 120 120
Supply voltage frequency / for auxiliary and control current circuit / rated value • minimum • maximum	Hz Hz	50 60

Main circuit:

Number of NC contacts / for main contacts		0
Number of NO contacts / for main contacts		3
Operating current / at AC-1 / at 400 V / rated value	A	90

Auxiliary circuit:

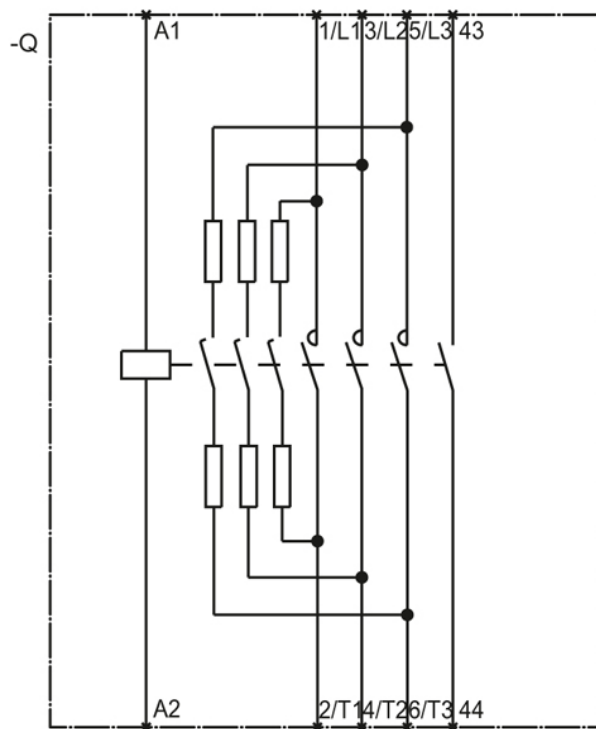
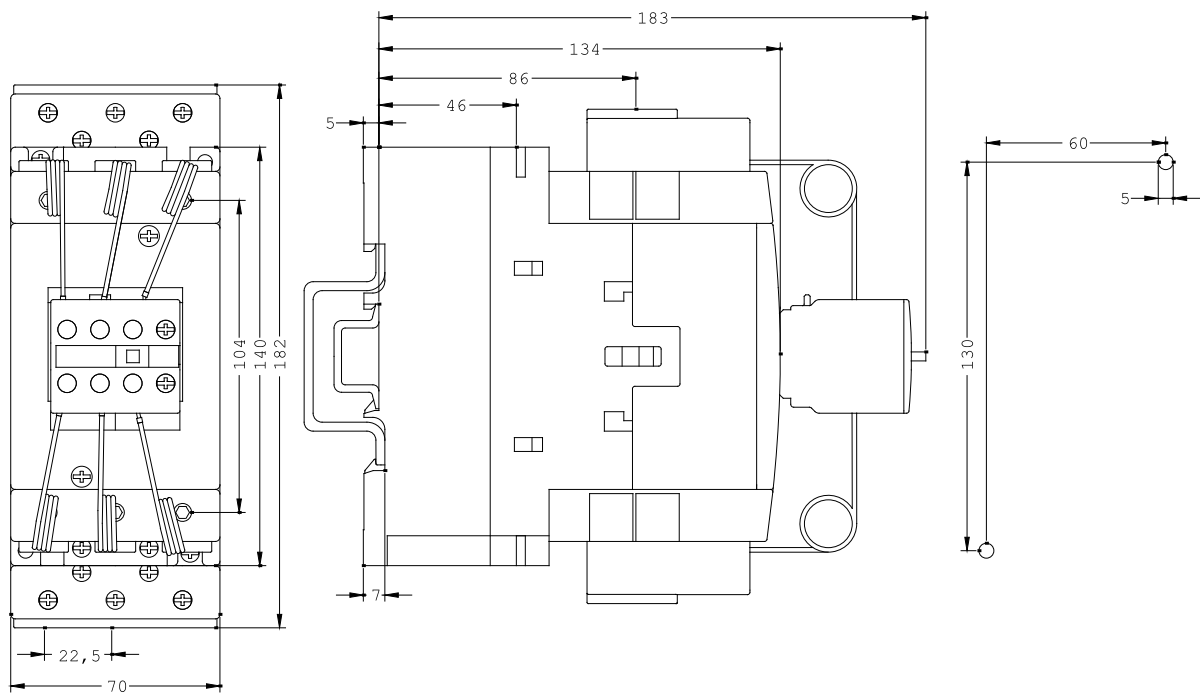
Identification number and letter for switching elements		1
Number of NO contacts / for auxiliary contacts		1
Number of NC contacts / for auxiliary contacts		0

Connection type:

Design of the electrical connection / for main current circuit		screw-type terminals
Design of the electrical connection / for auxiliary and control current circuit		screw-type terminals

Certificates/approvals:

General Product Approval				Functional Safety / Safety of Machinery	Declaration of Conformity		
 CCC	 CSA		 UL	Type Examination	 EG-Konf.		
Test Certificates		Shipping Approval					
Special Test Certificate	 ABS	 GL	 RMRS				
other							
Confirmation	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/3RT1647-1AK61/all							
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1647-1AK61							



last change:

Jul 7, 2014