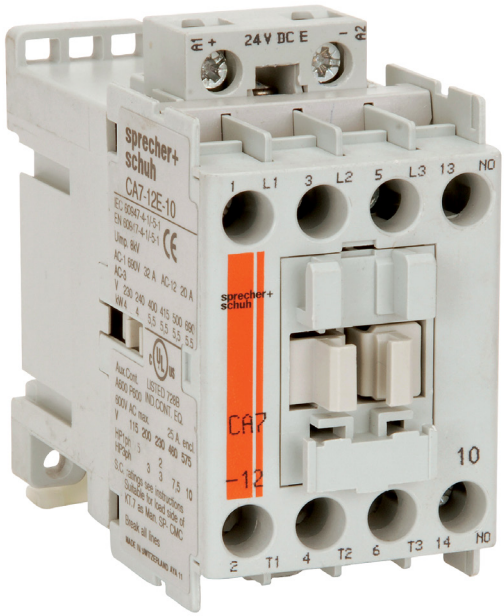
CA716EM4024VDC

S+S CA7 Contactor 7.5kW 4Pole 24VDC Coil

CONTACTORS



Component type	Power contactor, AC switching
Range	CA7
Model	N/A
Product status	Existing

The Sprecher + Schuh CA7 contactors are the ideal solution for reliable and durable electrical components. It is a modern and flexible IEC power contactor for DOL starting needs with up to 100A AC3 and wide range selection covering from 4kW up to 63kW (400V).

ELECTRICAL	Number of normally open contacts as main contact	4
	Number of normally closed contacts as main contact	0
	Rated operation current Ie at AC-3, 400 V	16 A
	Rated operation power at AC-3, 400 V	7.5 kW
	Rated operation current Ie at AC-1, 400 V	32 A
	Max. rated operation voltage Ue AC	690 V
	Voltage type for actuating	DC
	Control supply voltage Us at DC	24 V
	Number of auxiliary contacts as normally open contact	0
	Number of auxiliary contacts as normally closed contact	0
	Rated operation current Ie at AC-3, 690 V	9 A
	Rated operation power at AC-3, 690 V	7.5 kW
	Rated operation power at AC-4, 400 V	4 kW
	Power consumption, DC coil pickup	10 W
	Power consumption, DC coil hold-in	1.7 W
	Type of electrical connection of main circuit	Screw connection
	Rated operation current Ie at AC-4, 400 V	9 A
CONSTRUCTION	IP rating	IP2X
	Mounting method	DIN-rail/screw
DIMENSIONS	Height	81 mm
	Width	45 mm
	Depth	86.5 mm
	Weight	0.4 kg

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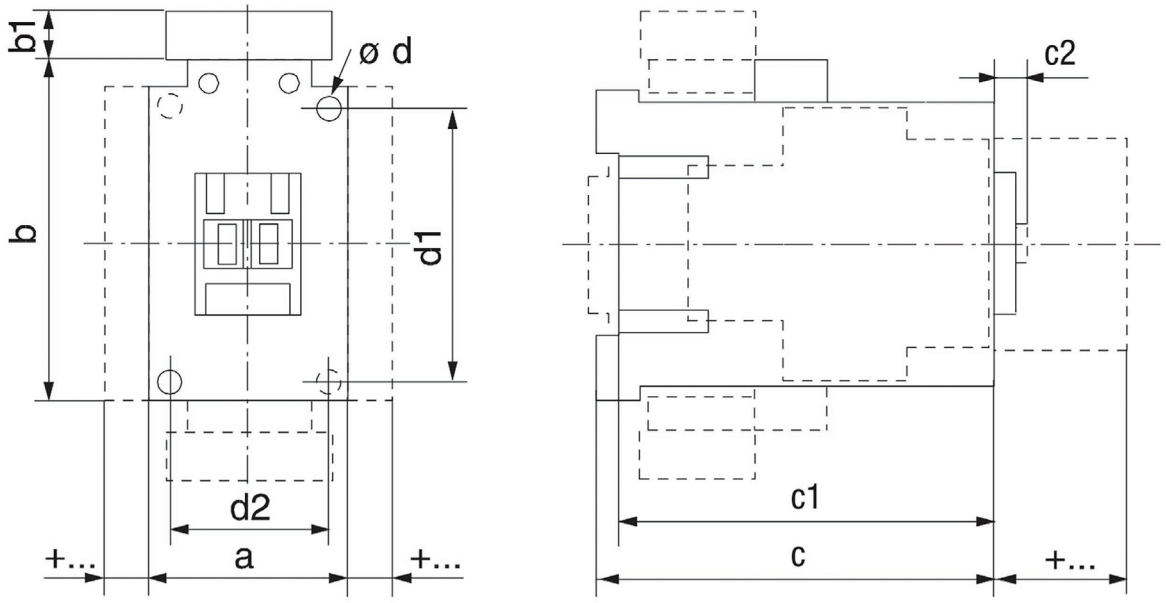
CONTACTORS

DIMENSIONAL DIAGRAM

Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.



Catalog Number	Coil Code	a	b	b1	c	c1	c2	Ød	d1	d2
CA7-9E…CA7-23E, CAN7-12E…CAN7-16E	12E…24E	45 (1-25/32)	81 (3-3/16)	~ ~	80.5 (3-11/64)	75.5 (2-31/32)	6 (15/64)	2-4.5 (2-3/16)	60 (2-23/64)	35 (1-3/8)
	36E…220E	45 (1-25/32)	81 (3-3/16)	24 (15/16)	80.5 (3-11/64)	75.5 (2-31/32)	6 (15/64)	2-4.5 (2-3/16)	60 (2-23/64)	35 (1-3/8)
CA7-30E…CA7-37E, CAN7-37E	12E…24E	45 (1-25/32)	81 (3-3/16)	~ ~	97.5 (4)	92.5 (3-41/64)	6.5 (1/4)	2-4.5 (2-3/16)	60 (2-23/64)	35 (1-3/8)
	36E…220E	45 (1-25/32)	81 (3-3/16)	24 (15/16)	97.5 (4)	92.5 (3-41/64)	6.5 (1/4)	2-4.5 (2-3/16)	60 (2-23/64)	35 (1-3/8)
CA7-40E	12E…24E	59 (2-21/64)	81 (3-3/16)	~ ~	100.5 (3-61/64)	95.5 (3-49/64)	6.5 (1/4)	2-4.5 (2-3/16)	60 (2-23/64)	45 (1-25/32)
	36E…220E	59 (2-21/64)	81 (3-3/16)	24 (15/16)	100.5 (3-61/64)	95.5 (3-49/64)	6.5 (1/4)	2-4.5 (2-3/16)	60 (2-23/64)	45 (1-25/32)
CA7-43E…55E, CAN7-43E	12E…24E	54 (2-1/8)	81 (3-3/16)	~ ~	100.5 (3-61/64)	95.5 (3-49/64)	6.5 (1/4)	2-4.5 (2-3/16)	60 (2-23/64)	45 (1-25/32)
	36E…220E	54 (2-1/8)	81 (3-3/16)	24 (15/16)	100.5 (3-61/64)	95.5 (3-49/64)	6.5 (1/4)	2-4.5 (2-3/16)	60 (2-23/64)	45 (1-25/32)

Reversing Contactors, Capacitor Contactors & Accessories (+...)

	Contactors with...	Dim. [mm]	Dim. [inches]
auxiliary contact block-front mounting	2-, or 4-pole	c/c1 + 39	c/c1 +1-37/64
auxiliary contact block- left side mounting	1-, or 2 pole	a + 9	a + 23/64
pneumatic timing module		c/c1 + 58	c/c1 + 2-23/64
electronic timing module	on coil terminal side	b + 24	b + 15/16
mechanical latch		c/c1 + 61	c/c1 +61
interface module	on coil terminal side	b + 9	c/c1 + 2-31/64
Labeling with...	label sheet marking tag sheet with clear cover marking tag adapter for V7 Terminals	+0 +0 +5.5	+0 +0 +7/32

RELATED PRODUCTS

ACCESSORY

Item No: CA7PA01
Required: No
Description: S+S CA7 Auxiliary Contact with 1NC Contact Side Mount

Item No: CA7PA02
Required: No
Description: S+S CA7 Auxiliary Contact with 2NC Contact Side Mount

Item No: CA7PA10
Required: No
Description: S+S CA7 Auxiliary Contact with 1NO Contact Side Mount

Item No: CA7PA11
Required: No
Description: S+S CA7 Auxiliary Contact with 1NO Contact and 1NC Contact Side Mount

Item No: CA7PA20
Required: No
Description: S+S CA7 Auxiliary Contact with 2NO Contacts Side Mount

Item No: CA7PAL11
Required: No
Description: S+S CA7 Auxiliary Contact with 1NO 1Early Make and 1NC 1Late Break Contact Side Mount

Item No: CM7
Required: No
Description: S+S CA7 Mechanical Interlock

Item No: CM702
Required: No
Description: S+S CA9 Mechanical and Electrical Interlock 2NC Contact for CA7

Item No: CRC7280
Required: No
Description: S+S CA7 Coil Suppressor RC Module 110 to 280VAC

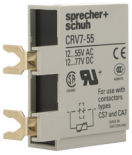
Item No: CRC748
Required: No
Description: S+S CA7 Coil Suppressor RC Module 24 to 48VAC

Item No: CRC7480
Required: No
Description: S+S CA7 Coil Suppressor RC Module 380 to 480VAC

Item No: CRD7250V
Required: No
Description: S+S CA7 Coil Suppressor Diode Module 12 to 250VDC

Item No: CRV7136
Required: No
Description: S+S CA7 Coil Suppressor Varistor Module 56 to 136VAC and 78 to 180VDC

Item No: CRV7277
Required: No
Description: S+S CA7 Coil Suppressor Varistor Module 137 to 277VAC and 181 to 350VDC



Item No: CRV755
Required: No
Description: S+S CA7 Coil Suppressor Varistor Module 12 to 55VAC and 12 to 77VDC

Item No: CRZA7180
Required: No
Description: S+S CA7 Timer In Line Off Delay 180s

Item No: CRZA73
Required: No
Description: S+S CA7 Timer In Line Off Delay 3s

Item No: CRZA730
Required: No
Description: S+S CA7 Timer In Line Off Delay 30s

RELATED PRODUCTS

ACCESSORY

Item No: CRZE7180
Required: No
Description: S+S CA7 Timer In Line On Delay 180s

Item No: CRZE73
Required: No
Description: S+S CA7 Timer In Line On Delay 3s

Item No: CRZE730
Required: No
Description: S+S CA7 Timer In Line On Delay 30s

Item No: CRZY730
Required: No
Description: S+S CA7 Timer In Line Star Delta 30s

Item No: CS7PV02
Required: No
Description: S+S CS7 Auxiliary Contact with 2NC Contact Top Mount

Item No: CS7PV04
Required: No
Description: S+S CS7 Auxiliary Contact with 4NC Contacts Top Mount

Item No: CS7PV11
Required: No
Description: S+S CS7 Auxiliary Contact with 1NO Contact and 1NC Contact Top Mount

Item No: CS7PV13
Required: No
Description: S+S CS7 Auxiliary Contact with 1NO Contact and 3NC Contact Top Mount

Item No: CS7PV20
Required: No
Description: S+S CS7 Auxiliary Contact with 2NO Contacts Top Mount

Item No: CS7PV22
Required: No
Description: S+S CS7 Auxiliary Contact with 2NO Contacts and 2NC Contact Top Mount

Item No: CS7PV31
Required: No
Description: S+S CS7 Auxiliary Contact with 3NO Contacts and 1NC Contact Top Mount

Item No: CS7PV40
Required: No
Description: S+S CS7 Auxiliary Contact with 4NO Contacts Top Mount

Item No: CS7PVB02
Required: No
Description: S+S CS7 Auxiliary Contact with 2NC Contact Bifurcated Top Mount

Item No: CS7PVB04
Required: No
Description: S+S CS7 Auxiliary Contact with 4NC Contacts Bifurcated Top Mount

Item No: CS7PVB22
Required: No
Description: S+S CS7 Auxiliary Contact with 2NO Contacts and 2NC Contact Bifurcated Top Mount

Item No: CS7PVB40
Required: No
Description: S+S CS7 Auxiliary Contact with 4NO Contacts Bifurcated Top Mount

Item No: CS7PVL22
Required: No
Description: S+S CS7 Auxiliary Contact with 1NO 1NC 1 Late Make and 1 Late Break Contact Top Mount

Item No: CZA7180
Required: No
Description: S+S CA7 Timer Pneumatic Off Delay 180s

RELATED PRODUCTS

ACCESSORY

Item No: CZA730

Required: No

Description: S+S CA7 Timer Pneumatic Off Delay 30s

Item No: CZE730

Required: No

Description: S+S CA7 Timer Pneumatic On Delay 30s

Item No: CZE7180

Required: No

Description: S+S CA7 Timer Pneumatic On Delay 180s