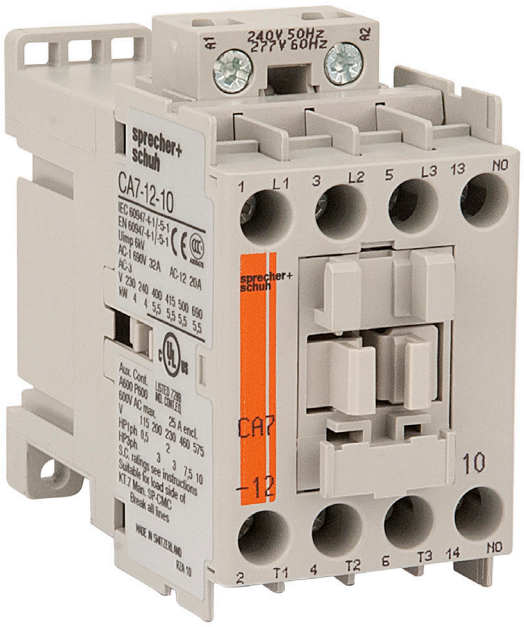
CNX20524VAC

S+S CNX Contactor 5.5kW 3Pole 24VAC

CONTACTORS



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

The Sprecher + Schuh CNX Special Purpose Contactors are ideal to meet the demands found in the HVAC and compressor markets. These contractors provide the flexibility of a CA7 contactor, including easy coil change out, DIN rail mounting and field installable auxiliaries. They are also equipped with mechanical interlocks not normally associated with true definite purpose contactors.

ELECTRICAL	Number of normally open contacts as main contact	3
	Number of normally closed contacts as main contact	0
	Rated operation current Ie at AC-3, 400 V	12 A
	Rated operation power at AC-3, 400 V	5.5 kW
	Rated operation current Ie at AC-1, 400 V	32 A
	Max. rated operation voltage Ue AC	690 V
	Voltage type for actuating	AC
	Control supply voltage Us at AC 50HZ	24 V
	Number of auxiliary contacts as normally open contact	1
	Number of auxiliary contacts as normally closed contact	0
	Control supply voltage Us at AC 60HZ	24 V
	Power consumption, AC coil pickup	75 VA
	Power consumption, AC coil hold-in	9.5 VA
	Type of electrical connection of main circuit	Screw connection
CONSTRUCTION	IP rating	IP20
	Mounting method	DIN-rail/screw
DIMENSIONS	Height	81 mm
	Width	45 mm
	Depth	86.5 mm
	Weight	0.39 kg

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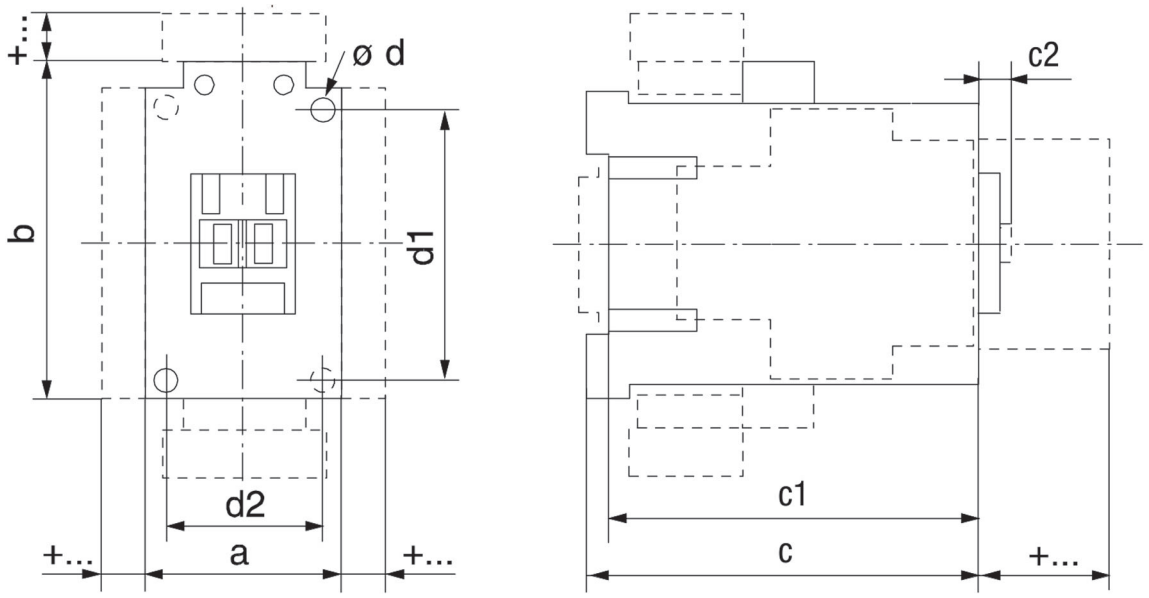
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CONTACTORS

DIMENSIONAL DIAGRAM

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



	Catalog Number	a	b	c	c1	c2	ød	d1	d2
AC Contactors	CA7-9...CA7-23; CAN7-12, CAN7-16, CNX-205...208; CA(V)L7-20	45 (1-25/32)	80 (3-3/16)	80.5 (3-11/64)	75.5 (3-3/32)	6 (1/4)	2-4.5 (2-3/16)	60 (2-23/64)	35 (1-25/64)
	CA7-30...CA7-37; CNX-209; CAN7-37	45 (1-25/32)	81 (3-3/16)	97.5 (4)	92.6 (3-49/64)	6.5 (17/64)	2-4.5 (2-3/16)	60 (2-23/64)	35 (1-25/64)
	CA7-40-M... CAL7-30-M40	59 (2-21/64)	81 (3-3/16)	100.5 (4-7/64)	95.5 (3-49/64)	6.5 (17/64)	2-4.5 (2-3/16)	60 (2-23/64)	45 (1-25/32)
	CA7-43…CA7-55, CAN7-43, CNX-212	54 (2-1/8)	81 (3-3/16)	100.5 (4-7/64)	95.5 (3-49/64)	6.5 (17/64)	2-4.5 (2-3/16)	60 (2-23/64)	45 (1-25/32)
	CA7-60...CA7-97, CAN7-85 CNX-218	72 (2-53/64)	122 (4-51/64)	117 (4-49/64)	111.5 (4-35/64)	8.5 (21/64)	4-5.4 (4-7/32)	100 (3-15/16)	55 (2-11/64)
	CA7-90-M... CAL7-60-M40	95 (3-3/4)	122 (4-51/64)	117 (4-49/64)	111.5 (4-35/64)	8.5 (21/64)	4-5.4 (4-7/32)	100 (3-15/16)	55 (2-11/64)

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-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
reversing contactor w-mech.interlock	on side of contactor	a+9+a	a+ 23/64+a
mechanical latch		c/c1 + 61	c/c1 +2-31/64
interface module	on coil terminal side	b + 9	b + 23/64
surge suppressor	on coil terminal side	b + 3	b + 1/8
Labeling with...	label sheet marking tag sheet with clear cover marking tag adapter for V7 Terminals	+0 +0 +5.5	+0 +0 +7/32

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