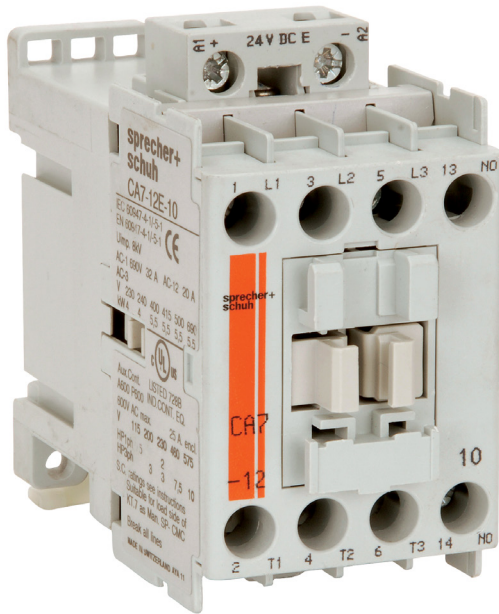


CA712EM4024VDC

S&S CA7 Contactor 5.5kW 4Pole 24VDC Coil



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	4.0
Number of normally closed contacts as main contact	0.0
Rated operation current I_e at AC-3, 400 V	12.0 A
Rated operation power at AC-3, 400 V	5.5 kW
Rated operation current I_e at AC-1, 400 V	32.0 A
Max. rated operation voltage U_e AC	690.0 V
Voltage type for actuating	DC
Control supply voltage U_s at DC	24.0 V
Number of auxiliary contacts as normally open contact	0.0
Number of auxiliary contacts as normally closed contact	0.0
Rated operation current I_e at AC-3, 690 V	7.0 A
Rated operation power at AC-3, 690 V	5.5 kW
Rated operation power at AC-4, 400 V	3.0 kW
Power consumption, DC coil pickup	10.0 W
Power consumption, DC coil hold-in	1.7 W
Type of electrical connection of main circuit	Screw connection
Rated operation current I_e at AC-4, 400 V	6.6 A

CONSTRUCTION

Degree of protection (IP)	IP20
Mounting method	DIN-rail/screw

DIMENSIONS

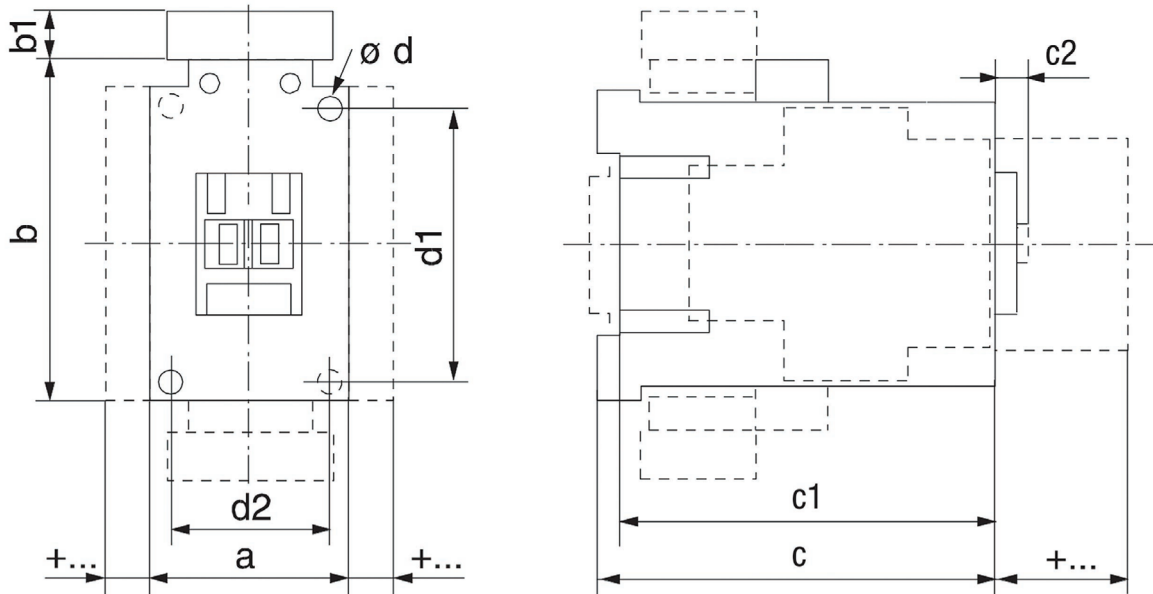
Height	81.0 mm
Width	45.0 mm
Depth	86.5 mm
Weight	0.4 kg

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DIMENSIONAL DIAGRAM

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



Catalog Number	Coil Code	a	b	b1	c	c1	c2	$\emptyset d$	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	+0	+0
	marking tag sheet with clear cover	+0	+0
	marking tag adapter for V7 Terminals	+5.5	+7/32