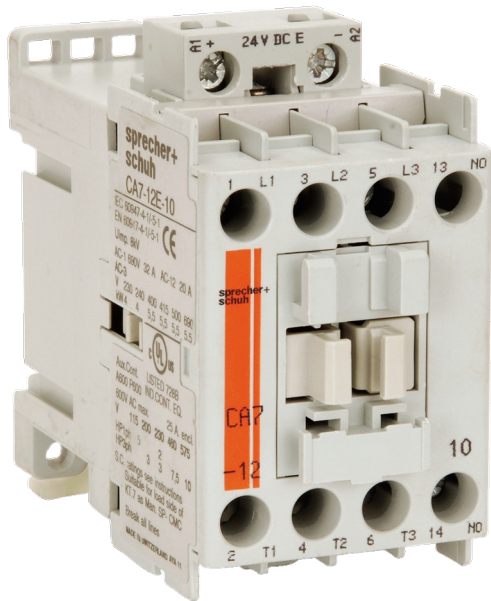Catalogue No: **CA7-9E-M-22-24VDC**
CONTACTOR 4kW 4P 2NO 2NC 24V DC COIL

Motor Control and Drives > Motor Starting and Protection > Contactors > Sprecher + Schuh Contactors > CA7
Contactors 4 to 55kW > 4 Pole Contactors with DC Coil

Contactor 4 pole 9A 4kW 2N/O 2N/C 24V DC Electronic Coil

Representative Photo Only
(actual product may vary based on configuration selections)

SPECIFICATIONS

Product Series	CA7-09
Component Type Motor Control and Drives	Standard Contactor
Ie, Rated Operational Current, AC-1, 415V, 40°C	32 A@415V,40°C
kW Rating, AC-3, 415V, 60°C	4 kW @415V, 60°C
Ie, Rated Operational Current, AC-3, 415V, 60°C	9 A@415V,60°C
kW Rating, AC-3, 690V, 60°C	4 kW @690V, 60°C
Ie, Rated Operational Current, AC-3, 690V, 60°C	5 A@690V,60°C
Number of Poles	4
Contact Configuration, Main Poles	2 NO + 2 NC main poles
Coil Type	Electronic type
Coil Consumption Hold-in VA AC coiled contactors	2.7 VA 9.5
Coil Consumption Pickup VA AC coiled contactors	75 VA
Coil Consumption Pickup W Ave/Peak DC Electronic coiled contactors 12VDC	10 W 17
Coil Consumption Pickup W Ave/Peak DC Electronic coiled contactors 24VDC	10 W 17
Coil Consumption Pickup W Ave/Peak DC Electronic coiled contactors 36-48VDC	10 W 17
Coil Consumption Pickup W Ave/Peak DC Electronic coiled contactors 48-72VDC	10 W 17
Coil Consumption Pickup W Ave/Peak DC Electronic coiled contactors 110-125VDC	12 W 19
Coil Consumption Pickup W Ave/Peak DC Electronic coiled contactors 220-250VDC	14 W 22
Coil Consumption Hold-in W DC coilded contactors 12VDC	1.7 W
Coil Consumption Hold-in W DC coilded contactors 24VDC	1.7 W
Coil Consumption Hold-in W DC coilded contactors 36-48VDC	1.7 W 1.9
Coil Consumption Hold-in W DC coilded contactors 48-72VDC	1.7 W 1.9

Catalogue No: **CA7-9E-M-22-24VDC**
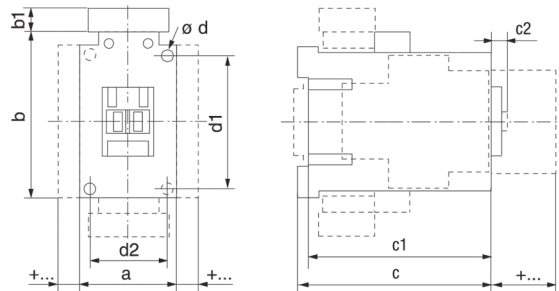
CONTACTOR 4kW 4P 2NO 2NC 24V DC COIL

Motor Control and Drives > Motor Starting and Protection > Contactors > Sprecher + Schuh Contactors > CA7 Contactors 4 to 55kW > 4 Pole Contactors with DC Coil

Coil Consumption Hold-in W DC coilded contactors110-125VDC	2 W 2.1
Coil Consumption Hold-in W DC coilded contactors 220-250VDC	2.7 W 3
Main Poles	2 N/O+2 N/C
Integrated Aux	No Auxiliary Contacts
Coil Voltage, DC, Nom	24 V DC
IP Rating	IP20

REFERENCES

IECEx Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-

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	+0	+0
	marking tag sheet with clear cover	+0	+0
	marking tag adapter for V7 Terminals	+5.5	+7/32

Dimension Diagram