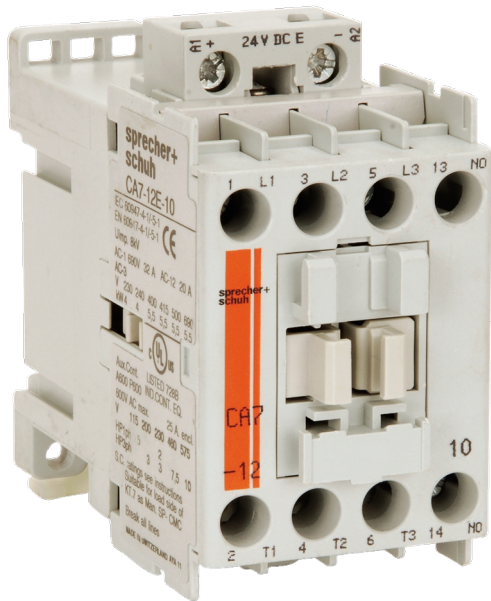


# Catalogue No: CA7-9E-M-40-24VDC

## CONTACTOR 4kW 4P 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 4N/O 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   | 4 NO main poles    |
| Coil Type   | Electronic type    |
| Coil Consumption Hold-in VA AC coiled contactors                              | 2.7 VA<br>9.5      |
| Coil Consumption Pickup VA AC coiled contactors                               | 75 VA              |
| Coil Consumption Pickup W Ave/Peak DC Electronic coiled contactors 12VDC      | 10 W<br>17         |
| Coil Consumption Pickup W Ave/Peak DC Electronic coiled contactors 24VDC      | 10 W<br>17         |
| Coil Consumption Pickup W Ave/Peak DC Electronic coiled contactors 36-48VDC   | 10 W<br>17         |
| Coil Consumption Pickup W Ave/Peak DC Electronic coiled contactors 48-72VDC   | 10 W<br>17         |
| Coil Consumption Pickup W Ave/Peak DC Electronic coiled contactors 110-125VDC | 12 W<br>19         |
| Coil Consumption Pickup W Ave/Peak DC Electronic coiled contactors 220-250VDC | 14 W<br>22         |
| Coil Consumption Hold-in W DC coiled contactors 12VDC                         | 1.7 W              |
| Coil Consumption Hold-in W DC coiled contactors 24VDC                         | 1.7 W              |
| Coil Consumption Hold-in W DC coiled contactors 36-48VDC                      | 1.7 W<br>1.9       |
| Coil Consumption Hold-in W DC coiled contactors 48-72VDC                      | 1.7 W<br>1.9       |

# Catalogue No: CA7-9E-M-40-24VDC

## CONTACTOR 4kW 4P 24V DC COIL

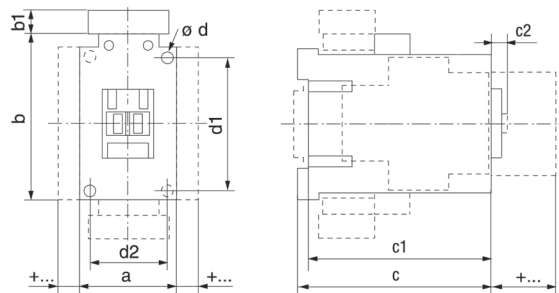
Motor Control and Drives > Motor Starting and Protection > Contactors > Sprecher + Schuh Contactors > CA7 Contactors 4 to 55kW > 4 Pole Contactors with DC Coil

|  |                       |
|--|-----------------------|
| Coil Consumption Hold-in W DC coiled contactors 110-125VDC | 2 W<br>2.1            |
| Coil Consumption Hold-in W DC coiled contactors 220-250VDC | 2.7 W<br>3            |
| Main Poles   | 4 N/O                 |
| 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,<br>CAN7-12E...CAN7-16E | 12E...24E  | 45<br>(1-25/32) | 81<br>(3-3/16) | ~             | 80.5<br>(3-11/64)  | 75.5<br>(2-31/32) | 6<br>(15/64) | 2-4.5<br>(2-3/16) | 60<br>(2-23/64) | 35<br>(1-3/8)   |
|  | 36E...220E | 45<br>(1-25/32) | 81<br>(3-3/16) | 24<br>(15/16) | 80.5<br>(3-11/64)  | 75.5<br>(2-31/32) | 6<br>(15/64) | 2-4.5<br>(2-3/16) | 60<br>(2-23/64) | 35<br>(1-3/8)   |
| CA7-30E...CA7-37E,<br>CAN7-37E           | 12E...24E  | 45<br>(1-25/32) | 81<br>(3-3/16) | ~             | 97.5<br>(4)        | 92.5<br>(3-41/64) | 6.5<br>(1/4) | 2-4.5<br>(2-3/16) | 60<br>(2-23/64) | 35<br>(1-3/8)   |
|  | 36E...220E | 45<br>(1-25/32) | 81<br>(3-3/16) | 24<br>(15/16) | 97.5<br>(4)        | 92.5<br>(3-41/64) | 6.5<br>(1/4) | 2-4.5<br>(2-3/16) | 60<br>(2-23/64) | 35<br>(1-3/8)   |
| CA7-40E                                  | 12E...24E  | 59<br>(2-21/64) | 81<br>(3-3/16) | ~             | 100.5<br>(3-61/64) | 95.5<br>(3-49/64) | 6.5<br>(1/4) | 2-4.5<br>(2-3/16) | 60<br>(2-23/64) | 45<br>(1-25/32) |
|  | 36E...220E | 59<br>(2-21/64) | 81<br>(3-3/16) | 24<br>(15/16) | 100.5<br>(3-61/64) | 95.5<br>(3-49/64) | 6.5<br>(1/4) | 2-4.5<br>(2-3/16) | 60<br>(2-23/64) | 45<br>(1-25/32) |
| CA7-43E...55E,<br>CAN7-43E               | 12E...24E  | 54<br>(2-1/8)   | 81<br>(3-3/16) | ~             | 100.5<br>(3-61/64) | 95.5<br>(3-49/64) | 6.5<br>(1/4) | 2-4.5<br>(2-3/16) | 60<br>(2-23/64) | 45<br>(1-25/32) |
|  | 36E...220E | 54<br>(2-1/8)   | 81<br>(3-3/16) | 24<br>(15/16) | 100.5<br>(3-61/64) | 95.5<br>(3-49/64) | 6.5<br>(1/4) | 2-4.5<br>(2-3/16) | 60<br>(2-23/64) | 45<br>(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