



## Power Quality Solutions

### Vacuum Contactor for Indoor Applications - Electrical Latch Type

**Series/Type:** EVC7400  
**Ordering code:** B44061\*  
Date: August 2018  
Version: 8

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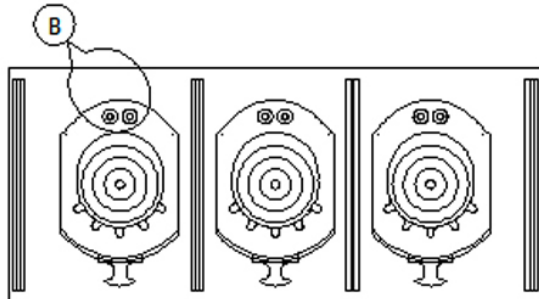
EPCOS AG is a TDK Group Company.

**Preliminary data**
**Technical data and ordering codes**

Voltage	kV	7.2
Rated thermal current	Amp	400
Motor switching current (AC3)	Amp	400
Motor switching current (AC4)	Amp	200
Capacitor switching current	Amp	200
Rated power frequency	kV	20
Lightning Impulse (1.2/50 $\mu$ sec)	kVp	60
STC for 1 sec	kAmp	10 kArms with 25 kA dynamic peak.
Operation frequency	operation/hr	120
<b>Category of use</b>		AC4
100 closing operations	Amp	4000
25 opening operations	Amp	4000
Aux. voltage (AC/DC)	V	110/220
<b>Life expectancy</b>		
Electrical life (category AC3)	operations	100000
Mechanical life	operations	200000
Capacitor switch duty	operations	50000
Short circuit breaking capacity (kA)	kAmp	4
Short circuit making capacity (kA)	kAp	25
Contact gap (approx.)	mm	3
Closing time (approx.)	ms	100
Closing current (approx.)	Amp	5
Holding current (approx.)	Amp	0.5
Closing coil wattage (approx.)	Watt	880
Holding coil wattage (approx.)	Watt	88
Weight (approx.)	Kg	25
Reference standard		IEC 60470 / IEC 60694
<b>Ordering codes</b>		
3 terminals	for 220 V AC/DC	B44061C2400C066
3 terminals	for 110 V AC/DC	B44061C2401C066
2 terminals	for 220 V AC/DC	B44061C2400B066
2 terminals	for 110 V AC/DC	B44061C2401B066
1 terminal	for 220 V AC/DC	B44061C2400A066
1 terminal	for 110 V AC/DC	B44061C2401A066

**Display of ordering codes for EPCOS products**

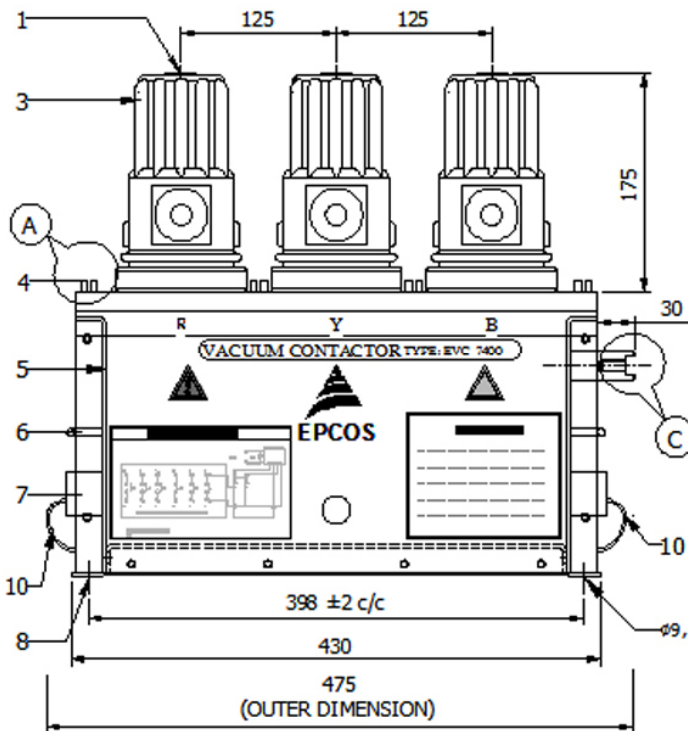
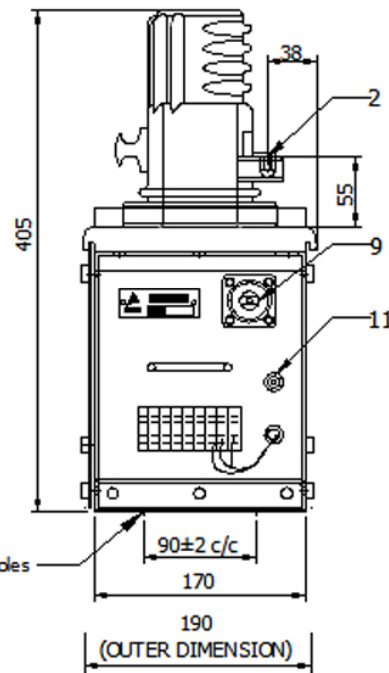
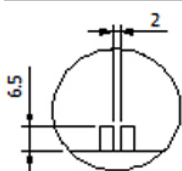
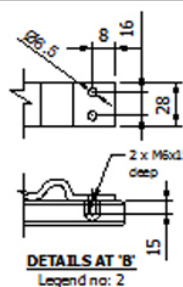
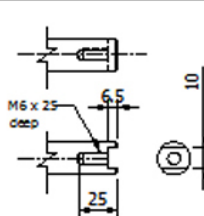
The ordering code for one and the same EPCOS product can be represented differently in data sheets, data books, other publications, on the EPCOS website, or in order-related documents such as shipping notes, order confirmations and product labels. **The varying representations of the ordering codes are due to different processes employed and do not affect the specifications of the respective products.** Detailed information can be found on the Internet under [www.epcos.com/orderingcodes](http://www.epcos.com/orderingcodes)

**Preliminary data**
**Dimensional drawings**

**ORDERING CODE:**

- B44061C2400C066- FOR 220V AC/DC SUPPLY
- B44061C2401C066- FOR 110V AC/DC SUPPLY

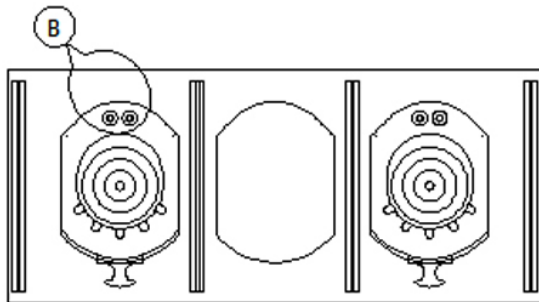
**Instructions:**

1. Use Copper flex for incoming terminals to avoid mechanical stress on terminals.  
(copper flex not in EPCOS scope of supply)
2. Mount vacuum contactor on horizontal, sturdy & even surface. Vacuum contactor should be in vertical position (incoming terminal at top) during operation & storage.

**TOP VIEW**

**FRONT VIEW**

**SIDE VIEW**

**DETAILS AT 'A'**  
Legend no: 4

**DETAILS AT 'B'**  
Legend no: 2

**DETAILS AT 'C'**  
Legend no: 9

**Legend :-**

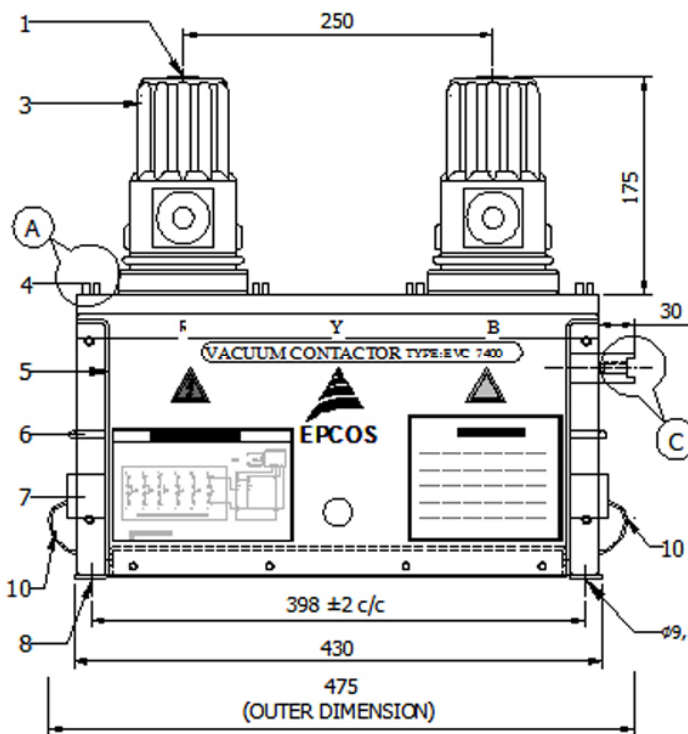
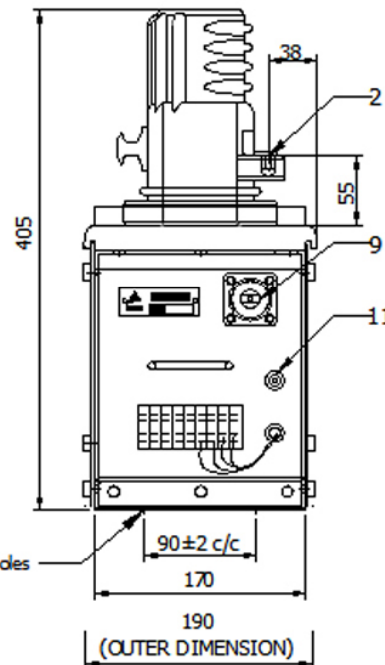
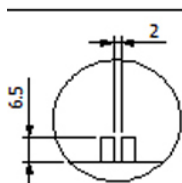
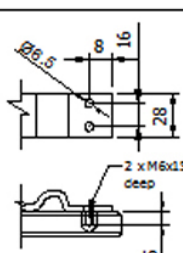
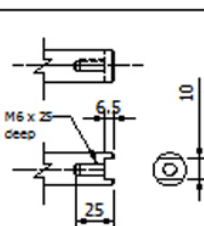
1. Incoming Terminal Copper, M6x15 Deep.
2. Outgoing Terminal Copper, 2 x M6x15 Deep.
3. Epoxy Pole
4. Slot for Barrier Plate  
(2 mm thk. sheet not in EPCOS scope of supply)
5. Operating Mechanism.
6. Lifting Bracket
7. Terminal Block
8. Mounting Frame
9. Provision for Mechanical Indicator
10. Control wiring
11. Fuse

**Preliminary data**

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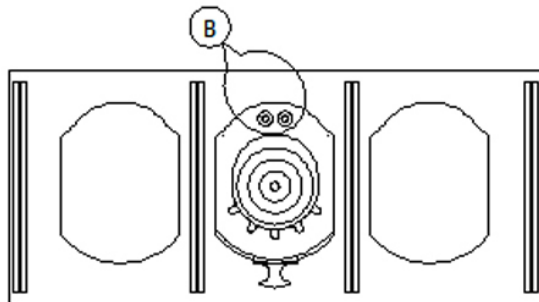
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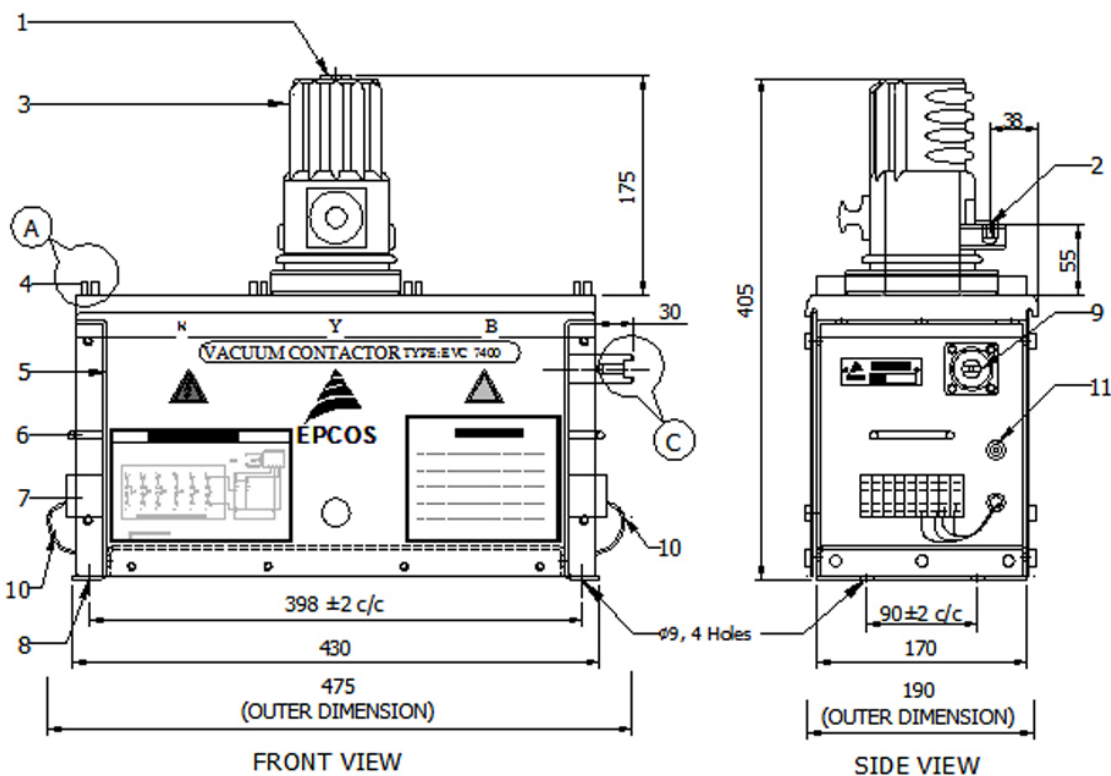
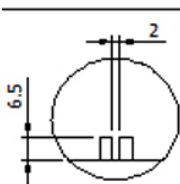
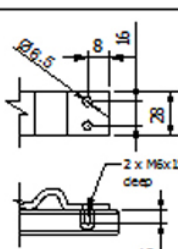
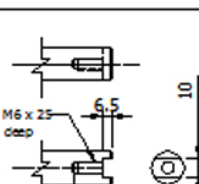
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**Preliminary data**

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## Important notes

The following applies to all products named in this publication:

1. Some parts of this publication contain **statements about the suitability of our products for certain areas of application**. These statements are based on our knowledge of typical requirements that are often placed on our products in the areas of application concerned. We nevertheless expressly point out **that such statements cannot be regarded as binding statements about the suitability of our products for a particular customer application**. As a rule, EPCOS is either unfamiliar with individual customer applications or less familiar with them than the customers themselves. For these reasons, it is always ultimately incumbent on the customer to check and decide whether an EPCOS product with the properties described in the product specification is suitable for use in a particular customer application.
2. We also point out that **in individual cases, a malfunction of electronic components or failure before the end of their usual service life cannot be completely ruled out in the current state of the art, even if they are operated as specified**. In customer applications requiring a very high level of operational safety and especially in customer applications in which the malfunction or failure of an electronic component could endanger human life or health (e.g. in accident prevention or life-saving systems), it must therefore be ensured by means of suitable design of the customer application or other action taken by the customer (e.g. installation of protective circuitry or redundancy) that no injury or damage is sustained by third parties in the event of malfunction or failure of an electronic component.
3. **The warnings, cautions and product-specific notes must be observed.**
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## Important notes

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