



ESC425

## Contactor 25A, 4NO, 230V~50Hz

### Technical properties

#### Architecture

Number of poles	4 P
-----------------	-----

#### Configuration

Number of modules	2
-------------------	---

#### Main electrical features

Rated operational voltage Ue	400 V
------------------------------	-------

Frequency	50 Hz
-----------	-------

#### Voltage

Rated insulation voltage	440 V
--------------------------	-------

DC control voltage	0 V
--------------------	-----

Command voltage AC	230 V
--------------------	-------

Rated impulse withstand voltage	4 kV
---------------------------------	------

#### Electric current

Rated current	25 A
---------------	------

Thermal rated current outside of housings	25 A
---	------

Acceptable current load with AC7 category A	25 A
---	------

Acceptable current load with AC7 category B	8.5 A
---	-------

#### Dimensions

Depth of installed product	60 mm
----------------------------	-------

Height of installed product	83 mm
-----------------------------	-------

Width of installed product	35.75 mm
----------------------------	----------

#### Power

Inrush power absorbed	21 VA
-----------------------	-------

Operating consumption	3.4 VA
-----------------------	--------

Total power loss under IN	7.5 W
---------------------------	-------

Power loss per contact	1.5 W
------------------------	-------

Power dissipation per coil	1.5 W
----------------------------	-------

Contact rating with 230 V in AC7 category A	4.6 kW
---	--------

Contact rating with 230 V in AC7 category B	880 W
---	-------

Contact rating with 400 V in AC7 category A	13.8 kW
---	---------

Contact rating with 400 V in AC7 category B	2.6 kW
---	--------

#### Tripping

Time of response when opening	15 ms
Time of response when closing	25 ms
<b>Resistance</b>	
Winding resistance	3150 Ω
<b>Endurance</b>	
Electric endurance in number of cycles	30000
Number of mechanical operations	1000000
<b>Fluorescent bulbs control</b>	
Max. power with fluorescent parallel lamps	810 VA
Fluorescent lamps in duo circuit	1990 VA
Max. load fluorescent lamp	950 VA
<b>Incandescent bulbs control</b>	
Max. power with incandescent lamps	1900 W
<b>Connection</b>	
Number of contacts	4
Connection cross-section of the control cable solid	1 / 10 mm <sup>2</sup>
<b>Equipment</b>	
Can be accessorized	Yes
<b>Use</b>	
Local operation/hand operation	No
<b>Standards</b>	
European directive WEEE	concerned
<b>Safety</b>	
Protection index IP	IP2X
Protection class	isol.class II
<b>Use conditions</b>	
Operating temperature	-10...50 °C
Storage/transport temperature	-40...80 °C