



ERC225S

**Humfree Override Contactor 25A, 2NO, 230V~50/60Hz**

**Technical properties**

**Configuration**

Number of modules	1
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**Main electrical features**

Rated operational voltage Ue	230 V
Frequency	50 Hz

**Voltage**

Rated insulation voltage	250 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	17.85 mm

**Power**

Inrush power absorbed	2.5 VA
Operating consumption	2.5 VA
Total power loss under IN	5.2 W
Power loss per contact	1.5 W
Power dissipation per coil	2.2 W
Contact rating with 230 V in AC7 category A	4.6 kW
Contact rating with 230 V in AC7 category B	880 W

**Tripping**

Time of response when opening	15 ms
Time of response when closing	25 ms

**Endurance**

Electric endurance in number of cycles	30000
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Number of mechanical operations	100000
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**Fluorescent bulbs control**

Max. power with fluorescent parallel lamps	810 VA
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Fluorescent lamps in duo circuit	1990 VA
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Max. load fluorescent lamp	950 VA
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**Incandescent bulbs control**

Max. power with incandescent lamps	1900 W
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**Connection**

Connection cross-section of the control cable solid	1 / 10 mm <sup>2</sup>
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**Equipment**

Can be accessorized	No
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**Use**

Local operation/hand operation	Yes
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**Standards**

European directive WEEE	concerned
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**Safety**

Protection index IP	IP2X
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**Use conditions**

Operating temperature	-10...50 °C
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Storage/transport temperature	-40...80 °C
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