



ERD425S

**Humfree Override Contactor 25A, 4NO, 24V~ 50/60Hz**

**Technical Features**

**Connection**

Type of contacts	4NO
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**Electric current**

Rated current	25 A
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**Capacity**

Number of modules	2
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**Frequency**

Frequency	50 - 50 Hz
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**Voltage**

Rated impulse withstand voltage Uimp	4000 V
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Rated insulation voltage Ui	440 V
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Rated operational voltage Ue	400 - 400 V
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Command voltage AC	24 - 24 V
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Command voltage DC	0 - 0 V
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**Use conditions**

Operating temperature	-10 - 50 °C
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**Use**

Category of use	AC-7a/AC-7b
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**Use conditions**

Storage/transport temperature	-40 - 80 °C
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**Endurance**

Number of mechanical operations	100000
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**Texts**

Safety hint	Humfree contactors are not suitable for intensive use cases (powered 24/7) and in these cases industrial contactors must be used.
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**Endurance**

Electric endurance in number of cycles	30000
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**Power**

Total power loss under IN	8.80 W
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Inrush power absorbed	2.80 VA
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**Dimensions**

Height	83 mm
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Width	35.75 mm
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Depth	60 mm
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**Connection**

Number of contacts	4
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**Equipment**

Number of NO contacts	4
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Number of NC contacts	0
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With switch for manual switch	Yes
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**Connection**

Cross-section flexible conductor	1 - 6 mm <sup>2</sup>
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Cross-section rigid conductor	1 - 10 mm <sup>2</sup>
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**Installation, mounting**

Nominal tightening torque	1.20 - 1.20 Nm
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**Sustainability**

RoHS conform

Yes