



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
Rated insulation voltage Ui	440 V
Rated operational voltage Ue	400 - 400 V
Command voltage AC	24 - 24 V
Command voltage DC	0 - 0 V

##### 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
Inrush power absorbed	2.80 VA

##### Dimensions

Height	83 mm
Width	35.75 mm
Depth	60 mm

##### Connection

Number of contacts	4
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##### Equipment

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

##### Connection

Cross-section flexible conductor	1 - 6 mm <sup>2</sup>
Cross-section rigid conductor	1 - 10 mm <sup>2</sup>

##### Installation, mounting

Nominal tightening torque	1.20 - 1.20 Nm
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Sustainability

RoHS conform

Yes