



ERD225SDC

**Humfree Override Contactor 25A, 2NO, 24VDC**

**Technical Features**

**Connection**

Type of contacts	2NO
------------------	-----

**Electric current**

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

**Capacity**

Number of modules	1
-------------------	---

**Frequency**

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

**Voltage**

Rated impulse withstand voltage $U_{imp}$	4000 V
Rated insulation voltage $U_i$	250 V
Rated operational voltage $U_e$	230 - 230 V
Command voltage AC	0 - 0 V
Command voltage DC	24 - 24 V

**Use conditions**

Operating temperature	-10 - 50 °C
-----------------------	-------------

**Use**

Category of use	AC-7a/AC-7b
-----------------	-------------

**Use conditions**

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

**Endurance**

Number of mechanical operations	100000
---------------------------------	--------

**Texts**

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

**Endurance**

Electric endurance in number of cycles	30000
--	-------

**Power**

Total power loss under $I_N$	5.20 W
Inrush power absorbed	2.40 VA

**Dimensions**

Height	83 mm
Width	17.85 mm
Depth	60 mm

**Equipment**

Number of NO contacts	2
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
---------------------------	----------------

---

**Sustainability**

---

RoHS conform

Yes