



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 ² |
| Cross-section rigid conductor | 1 - 10 mm ² |

Installation, mounting

| | |
|---------------------------|----------------|
| Nominal tightening torque | 1.20 - 1.20 Nm |
|---------------------------|----------------|

Sustainability

RoHS conform

Yes