



ESD225S

### Humfree Contactor 25A, 2NO, 24V~ 50/60Hz

#### 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 Uimp | 4000 V      |
| Rated insulation voltage Ui          | 250 V       |
| Rated operational voltage Ue         | 230 - 230 V |
| Command voltage AC                   | 24 - 24 V   |
| Command voltage DC                   | 0 - 0 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 IN | 5.20 W  |
| Inrush power absorbed     | 2.20 VA |

##### Dimensions

|        |          |
|--------|----------|
| Height | 83 mm    |
| Width  | 17.85 mm |
| Depth  | 60 mm    |

##### Connection

|                    |   |
|--------------------|---|
| Number of contacts | 2 |
|--------------------|---|

##### Equipment

|                               |    |
|-------------------------------|----|
| Number of NO contacts         | 2  |
| Number of NC contacts         | 0  |
| With switch for manual switch | No |

##### 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