



Humfree Contactor 25A, 3NC, 12VDC

Technical Features

Connection

| | |
|------------------|-----|
| Type of contacts | 3NC |
|------------------|-----|

Electric current

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

Capacity

| | |
|-------------------|---|
| Number of modules | 2 |
|-------------------|---|

Frequency

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

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 | 0 - 0 V |
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|--------------------|-----------|
| Command voltage DC | 12 - 12 V |
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Use conditions

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

Use

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

Use conditions

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

Endurance

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

Texts

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|-------------|---|
| 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

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|---------------------------|--------|
| Total power loss under IN | 4.30 W |
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|-----------------------|---------|
| Inrush power absorbed | 2.80 VA |
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Dimensions

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|--------|-------|
| Height | 83 mm |
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|-------|----------|
| Width | 35.75 mm |
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|-------|-------|
| Depth | 60 mm |
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Equipment

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|-----------------------|---|
| Number of NO contacts | 0 |
|-----------------------|---|

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|-----------------------|---|
| Number of NC contacts | 3 |
|-----------------------|---|

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|-------------------------------|----|
| With switch for manual switch | No |
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Connection

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|----------------------------------|-----------------------|
| 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