Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :
Rated data
General tech. specifications

| Input |  |
| :--- | :--- |
| Number of phases | 3 AC |
| Line voltage | $380 \ldots 480 \mathrm{~V}-15 \%+10 \%$ |
| Line frequency | $47 \ldots 63 \mathrm{~Hz}$ |


| Power factor $\lambda$ | 0.72 |
| :--- | :--- |
| Offset factor $\cos \varphi$ | 0.95 |
| Efficiency $\eta$ | 0.98 |
| Filter class (integrated) | Unfiltered |

Ambient conditions

| Cooling | External fan |
| :--- | :--- |
| Installation altitude | $1000 \mathrm{~m}(3281 \mathrm{ft})$ |
| Ambient temperature | $-10 \ldots 60^{\circ} \mathrm{C}\left(14 \ldots 140^{\circ} \mathrm{F}\right)$ |
| Operation | $-40 \ldots 70^{\circ} \mathrm{C}\left(-40 \ldots 158^{\circ} \mathrm{F}\right)$ |

Relative humidity
Max. operation $95 \%$

|  |
| :---: |
| Communication |
| Communication |
| USS, Modbus RTU |
| Standards |


| Compliance with standards | CE, cULus, C-Tick (RCM), KC |
| :--- | :--- |
| CE marking | EN 61800-5-1 /EN 60204-1 and EN |
|  | $61800-3$ |

## Overload capability

Low Overload (LO)
$110 \%$ rated output current for 60 s , cycle time 300 s

High Overload (HO)
$150 \%$ rated output current for 60 s , cycle time 300 s

| Mechanical data | Connections |
| :---: | :---: |
| Through-hole mounting / wall mounting / | Max. motor cable length |
|  | Shielded $\quad 25 \mathrm{~m}(82 \mathrm{ft})$ |
| Degree of protection IP20 / UL open type | Unshielded $50 \mathrm{~m}(164 \mathrm{ft})$ |
| Size FSD |  |
| Net weight $\quad 3.70 \mathrm{~kg}(8.16 \mathrm{lb})$ |  |
| Width $\quad 240.0 \mathrm{~mm}$ ( 9.45 in ) |  |
| Height $\quad 206.5 \mathrm{~mm}$ ( 8.13 in ) |  |
| Depth $\quad 172.5 \mathrm{~mm}$ ( 6.79 in ) |  |
| Inputs / outputs |  |
| Standard digital inputs |  |
| Number 4 |  |
| Digital outputs |  |
| Number as relay changeover contact 1 |  |
| Number as transistor 1 |  |
| Analog inputs |  |
| Number 2 (Can be used as additional <br> digital input)  |  |
| Analog outputs |  |
| Number 1 |  |

