

Technische Daten

Technical data

Caractéristiques techniques

Die D480Q-Baureihe ist mit einem bürstenlosen Motor, mit integrierter Elektronik (3 Litzenversion; + Vcc, Gnd, Tachosignal) ausgerüstet

- sehr lange Laufzeit
- Spannungsbereich 5-15 VDC/9-30 VDC
- Tachosignal
- Strombegrenzung

Option: 10 Litzen Ausgang mit weiteren Funktionen

The serie D480Q is equipped with a brushless motor, with integrated electronic (3 leads version; + Vcc, Gnd, tachosignal)

- Long life
- voltage range 5-15 VDC/9-30 VDC
- tacho signal
- current limitation

Option: 10 leads-version with further functions

La série D480Q est équipée d'un moteur "brushless" avec électronique intégrée, (3 fils version; + Vcc, Gnd, tachosignal)

- Usage longue vie
- gamme de tension 5-15 VDC/9-30 VDC
- signal tacho
- limite de courant

Option: version 10 fils avec fonctions supplémentaires

| Types | | | D481T/D483T/D484T | | D481Q/D483Q/D484Q | |
|-------------|-----------------------|-------------------|-----------------------|-----------|-----------------------|-----------|
| U | U _N | V | 12 | 24 | 12 | 24 |
| | U | V | 9...15 | 18...30 | 5...15 | 9...30 |
| I | I _N | mA | 295 | 119 | 456 | 220 |
| | I _{max} | mA | 354 | 143 | 570 | 275 |
| | I _{block} | A | 5.6 | 4.3 | 2.4 | 1.5 |
| P | P _N | W | 3.5 | 2.9 | 5.5 | 5.3 |
| | n | min ⁻¹ | 11'520 | 10'660 | 11'450 | 11'050 |
| | \dot{V} | l/min; CFM | 634/22.38 | 570/20.12 | 626/22.08 | 644/22.72 |
| | p | Pa | 325 | 285 | 308 | 290 |
| | LpA | dB(A) | 53 | 51 | 53 | 52 |
| MTTF | MTTF | hr | 12'000 | | 40'000 | |
| | T | °C/F | -20...+65 / -5...+150 | | -20...+65 / -5...+150 | |
| | m | g/oz. | 164/5.78 | | 148/5.22 | |
| | Lead Length | mm/inch | 220/8.66 (AWG 24) | | 220/8.66 (AWG 26) | |
| | Housing Material | | Aluminium | | Aluminium | |
| | Sleeve Bearing | | - | | - | |
| | Ball Bearing | | • | | • | |
| | Brushless Motor | | - | | • | |
| | Flat Finger Guard | | • | | • | |
| | Circular Finger Guard | | • | | • | |
| | Explosion Protection | | - | | i | |

Zusätzliche Funktionen 10 Litzen Version (R-Version)

- Analog Ausgang (variable Drehzahl)
- PLL (konstante Drehzahl)
- Stop-Funktion
- Richtungswechsel
- NOS
- Tachosignal

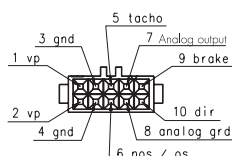
Additional Functions 10 Lead Version (R-Version)

- Analog output (variable speed)
- PLL (constant speed)
- Brake function
- Direction
- NOS
- Tacho signal

Fonctions supplémentaires version à 10 fils (R-version)

- PWM (vitesse variable)
- PLL (vitesse constant)
- Function stop
- Changer de direction
- NOS
- Signal tacho

Connector
for 10 lead version



Typ: Tyco V23535-3280-101

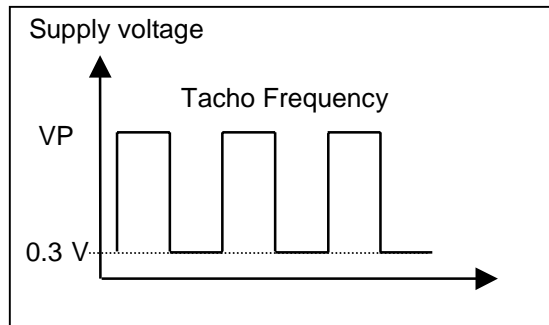
D-Line 3 Lead Version

Lead:

VP (+) red 5 – 35 VDC

GND (-) black

Tacho yellow Open drain output: pull-up resistor (22kΩ) to VP is **integrated**.
(max. 10mA, no direct connection to GND and +VP)
 $f_{Tacho} [Hz] * 20 = rpm [1/min]$ (2 pol. Motor)



Caution



The connector may only be connected or unplugged in the currentless condition.

no polarity protection