

POWER SUPPLY 3-PHASE, 24 V DC DIMENSION Q SERIES IO-LINK

QT40.241-B2

Power supply 3x380-480VAC/24VDC, 40A IO-link

- IO-Link Interface V1.1
- Output current 30A
- Up to 92.5% efficiency
- 65mm wide
- Hiccup Plus



PRODUCT DESCRIPTION

TECHNICAL DATA

INPUT DATA

Input voltage ac	380-480 V
Input voltage ac min	323 V AC
Input voltage ac max	576 V AC
Inrush current at 400 V ac typical	5 A
Input voltage range	Wide-range
Power factor at 400 V ac, full load. Typical	0,88
Number of phases	3

OUTPUT DATA

Output voltage	24 V DC
Output voltage min	24 V DC
Output voltage max	28 V DC
Output current	40 A
Power	960 W

EFFICIENCY / LIFETIME / MTBF

Efficiency at 400 V ac, typical	94,7 %
Efficiency at 400 V ac, full load, typical	95,3 %

Lifetime at 400 V ac, full load and +40 ° C	69000 h
MTBF (IEC 61709) 400 V ac, max loan, +40 °C	375000 h

DIMENSIONS

Width	110 mm
Height	124 mm
Depth	127 mm
Weight	1,5 kg

OTHER

Approvals	CE
Hold time at 400 V ac, typical full load	25 ms
IP class	IP20
Clamp type	Screw in
Material protection	Aluminium
Supply frequency	50-60 ±6 %
Ripple max	100 mV pp
Series	Dimension Q
Power consumption at 400 V ac	1,65 A
Power drop from +60 °C to + 70 °C	20 W/°C
Temperature min without derating	-25 °C
Temperature max without derating	55 °C
Type Power Supply	AC-DC
Active Transient	Yes



