

Product Safety Data Sheet

DS-180i

Revision
February 2020

Product trade name DS-180i

Contact information

Contact your local service organization or the manufacturer.

Manufacturer information Quadient Technologies Netherlands BV
De Tijen 3, 9201 BX Drachten, The Netherlands
Phone: +31 512 589 300

Environmental information

Product dimensions		Depth (mm)	Width (mm)	Height (mm)	Product weight (kg)
IN (excl. Monitor)	A0023691	471	1063	612	80
IN (incl. Monitor)	A0023691	525	-	812	-
SiFe	A0023692	471	408	514	28
ReFe	A0023694	471	408	554	34
TwFe	A0023781	471	408	695	43
FeFo	A0023693	471	408	710	45
ToFo	A0023780	471	875	917	92

	Relative Humidity (%)	Ambient Temperature
Environmental Storage *	30% rH to 80 % rH	-30°C to 60°C (-22°F to 140°F)
Environmental Operating *	30% rH to 80 % rH	10°C to 40°C (50°F to 104°F)

* Relative humidity, non-condensing.

Supplies

Product name	Quadient part number	Material safety data sheet
-	-	-

Electrical information

Line voltage (V)	100V +6/-10%	115V +6/-10%	230V +10/-10%
Line current (A)	14*	14*	8*
Frequency (Hz)	50	60	50

*) Note: the line current (A) of the system depends on the configuration and equals the sum of the currents of the individual modules from the table.

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Electrical information per module

Electrical information		230V 50Hz Line current (A)	115V 60Hz Line current (A)	100V 60Hz Line current (A)	100V 50Hz Line current (A)
IN	A0023691	0,7 - 5,5	1,45 -9,5	1,45 -9,5	1,4 -9,5
SiFe	A0023692	0,4	0,75	0,65	0,65
ReFe	A0023694	0,45	0,75	0,75	0,7
TwFe	A0023781	0,4	0,8	0,75	0,75
FeFo	A0023693	0,5	0,85	0,85	0,8
ToFo	A0023780	0,75	1,4	1,3	1,45

Note: The measurement excludes the PC and monitor.

Power consumption

Power consumption		Nr. Cert.	Off mode (W)	Standby (W)	Idle (W)	Run mode (W)
Type						
IN	230V 50Hz	A0023691	0	0,19	12,6	153
IN	115V 60Hz	A0023691	0	0,12	12,3	157
IN	100V 60Hz	A0023691	0	0,1	11,7	144
IN	100V 50Hz	A0023691	0	0,1	12,1	130
SiFe	230V 50Hz	A0023692	0	0	11	83
SiFe	115V 60Hz	A0023692	0	0	9,8	77
SiFe	100V 60Hz	A0023692	0	0	10	61
SiFe	100V 50Hz	A0023692	0	0	10	61
ReFe	230V 50Hz	A0023694	0	0	14,7	96
ReFe	115V 60Hz	A0023694	0	0	15,1	79
ReFe	100V 60Hz	A0023694	0	0	14,7	70
ReFe	100V 50Hz	A0023694	0	0	14,7	68

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Power consumption		Nr. Cert.	Off mode (W)	Standby (W)	Idle (W)	Run mode (W)
Type						
TwFe 230V 50Hz		A0023781	0	0	12,5	87
TwFe 115V 60Hz		A0023781	0	0	12,7	85
TwFe 100V 60Hz		A0023781	0	0	12,2	70
TwFe 100V 50Hz		A0023781	0	0	12	72
FeFo 230V 50Hz		A0023693	0	0	13,6	101
FeFo 115V 60Hz		A0023693	0	0	15	95
FeFo 100V 60Hz		A0023693	0	0	14,8	85
FeFo 100V 50Hz		A0023693	0	0	14,3	75
ToFo 230V 50Hz		A0023780	0	0	39	164
ToFo 115V 60Hz		A0023780	0	0	38,8	150
ToFo 100V 60Hz		A0023780	0	0	38,3	123
ToFo 100V 50Hz		A0023780	0	0	39	124
PC 230V 50Hz		-	0,26	1,5	32,2	32,2
PC 115V 60Hz		-	0,2	1,4	33,5	33,5
PC 100V 60Hz		-	0,02	1,3	32,2	32,2
PC 100V 50Hz		-	0,02	1,3	32	32
Monitor 230V 50Hz		-	0,25	0,28	23	23
Monitor 115V 60Hz		-	0,23	0,23	24	24
Monitor 100V 60Hz		-	0,21	0,23	24	24
Monitor 100V 50Hz		-	0,23	0,23	24	24

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Audible noise

Operating conditions	Sound pressure [dB(A)]
Standby	-
Operating - continuous	< 73

Safety Information

Safety and legal Markings:



Product safety certification

Standard	Certifying body	File number
IEC 60950-1 Sec.ed., am1, am2	UL	-
UL 60950-1 (2007)	UL	E153801
EN 60950-1 (2006), A11, A1, A12, A2	D	-
EN 60950-1 (2006), A11, A1, A12, A2	Quadiant Technologies Netherlands BV	-

Electromagnetic compatibility

Standard	Certifying body	File number
EN 55022 (2010)	TÜV Rheinland	-
EN 61000-3-2 (2006), A1 (2009), A2 (2009)	TÜV Rheinland	-
EN 61000-3-3 (2013)	TÜV Rheinland	-
EN 55024 (2010)	TÜV Rheinland	-
EN 61000-6-1 (2007)	TÜV Rheinland	-
EN 61000-6-4 (2006), A1 (2011)	TÜV Rheinland	-
FCC Part 15 Class A	TÜV Rheinland	-

Environmental legal compliance

This product complies with EU Directive 2012/19/EU, Waste of Electrical and Electronic Equipment (WEEE), in all EU member states.

This product complies with EU Directive 2011/65/EU, Restriction of Hazardous Substances (RoHS), in all EU member states.

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