



Ref. Certif. No.

FI-56539

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Air cooled drive module

Name and address of the applicant

Danfoss Drives Oy
Runsorintie 7
FI-65380 Vaasa, Finland

Name and address of the manufacturer

Danfoss Drives Oy
Runsorintie 7
FI-65380 Vaasa, Finland

Name and address of the factory

Danfoss Drives Oy
Runsorintie 7
FI-65380 Vaasa, Finland

Note: When more than one factory, please report on page 2

☐ Additional Information on page 2

Ratings and principal characteristics

See pages 4-14

Trademark / Brand (if any)

Danfoss iC7

Customer's Testing Facility (CTF) Stage used

CTF2

Model / Type Ref.

iC7 air cooled series, see pages 4-14 for detailed
model listing.Additional information (if necessary may also be
reported on page 2)☒ Additional Information on page 2

Type designation and option code, see pages 2 and 3

A sample of the product was tested and found
to be in conformity withIEC 62477-1:2012
IEC 62477-1:2012/AMD1:2016

National Differences:

-

As shown in the Test Report Ref. No. which
forms part of this Certificate

HELES2101000034-2

This CB Test Certificate is issued by the National Certification Body

SGS Fimko Ltd
Takomotie 8
FI-00380 Helsinki, Finland

Date: 2024-08-23

Signature:

Timo Leismala
Team Leader, EMC & RF

Additional information:

Description of the model code for drive modules:

Code	Description
iC7-60	Product group
SA	Product category SA = system module, air-cooled
3A	Product type 3A = 3~ regenerative AFE 3H = 3~ low-harmonic AFE GC = Grid converter module, GC IN = Inverter module, INU
05	Voltage rating 05 = 380–500 VAC
-816A	Current rating -03A0 = 3 A -816A = 816 A -3000 = 3000 A etc.
E00	Protection rating E00 = IP00/Open type
F4	EMC level F3 = C3 F4 = C4
+XXXX	Options

Options (+XXXX):

Option group +Axxx includes power unit options. Worst-case representative has been tested and evaluated.

INU, the Inverter Modules can be equipped with an optional integration unit with or without an output filter:

- +AEXX: Without integration unit
- +AE01: Short integration unit without filter
- +AEC1: Short integration unit with CM filter
- +AE10: Integration unit without filter
- +AEU1: Integration unit with DUT filter
- +AEU2: Integration unit with DUT+CM filter
- +AEC2: Integration unit with CM filter

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Additional information:
Options (+XXXX):

AFE, the Supply Unit System Modules can be equipped with two mechanical variants of the extended mechanics: a short variant, or the empty air duct:

- +AEXX: Without integration unit
- +AE01: Short integration unit without filter
- +AE10: Integration unit without filter

Increased Environmental Protection, applied by default:

- +AGCX: coating of printed circuit boards (PCBs)

AC/DC Fuses:

- +AKXX: No DC fuse and no disconnect
- +AKFX: DC fuse
- +AIXX: No DC fuse and no disconnect
- +AIFX: AC fuse

Option Group +Bxxx includes options related to control hardware. These options include non-electrical safety related options like:

- +BAxx, +BBxx: Different types of fieldbuses the system module
- +BDxx: Control unit equipped with an I/O board located to the left of the control card
- +BExx: Different levels of functional safety functions
- +BFxx: Control panel options with different Control panel types
- +BGxx: Control panel mounting kits with various types of door mounting kits
- +BKxx, +BLxx, +BHxx: Control panel cable with different lengths of the cable

Option Group +Cxxx includes control options made with option boards.

Option boards enabling these options have been investigated in the test report separately

- +C_C0: General Purpose I/O OC7C0
- +C_C1: I/O and Relay Option OC7C1
- +C_R0: Relay Option OC7R0
- +C_M0: Encoder/Resolver Option OC7M0
- +C_T0: Temperature Measurement OC7T0
- +C_V0: Voltage Measurement OC7V0

(The initial C indicates of Control option. “_” Is replaced with letter indicating option slot and the last two letters will indicate the type of option. For example, relay option in slot C will be +CCR0)

Option Groups +Dxxx, +Exxx include licensed features and customization features which do not effect electrical safety aspects of the Air-Cooled System Module.

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Additional information:

Ratings of the drive modules:

Current Ratings for Regenerative AFE Module, 400 V AC (465–650 V DC)

Model code	Frame	AC ratings				DC ratings		
		S _N [kVA]	I _N [A]	I _L [A]	I _H [A]	I _{N-DC} [A]	P _L [kW]	P _H [kW]
iC7-60SA3A05-317A	Ax10	225	324	317	263	371	216	179
iC7-60SA3A05-400A		284	409	400	327	469	272	223
iC7-60SA3A05-514A		364	525	514	426	602	349	290
iC7-60SA3A05-580A	Ax11	411	593	580	464	677	394	316
iC7-60SA3A05-650A		461	664	650	525	760	442	357
iC7-60SA3A05-730A		517	746	730	591	852	496	402
iC7-60SA3A05-816A		578	833	816	678	953	555	461
iC7-60SA3A05-920A	2 x Ax10	652	940	920	735	1075	625	500
iC7-60SA3A05-1030		729	1052	1030	850	1203	700	578
iC7-60SA3A05-1210	2 x Ax11	857	1236	1210	980	1413	822	666
iC7-60SA3A05-1410		998	1440	1410	1140	1647	958	775
iC7-60SA3A05-1630		1153	1664	1630	1360	1903	1107	924
iC7-60SA3A05-1860	3 x Ax11	1316	1899	1860	1575	2172	1263	1070
iC7-60SA3A05-2120		1500	2165	2120	1838	2475	1440	1248
iC7-60SA3A05-2450		1733	2501	2450	2030	2861	1664	1379
iC7-60SA3A05-2800	4 x Ax11	1981	2859	2800	2231	3268	1902	1515
iC7-60SA3A05-3270		2313	3338	3270	2710	3817	2221	1840
iC7-60SA3A05-3650	5 x Ax11	2582	3726	3650	2888	4260	2479	1961
iC7-60SA3A05-4080		2886	4165	4080	3390	4761	2771	2302
iC7-60SA3A05-4500	6 x Ax11	3183	4594	4500	3544	5251	3056	2407
iC7-60SA3A05-4900		3466	5002	4900	4070	5719	3327	2764
iC7-60SA3A05-5300	7 x Ax11	3749	5411	5300	4399	6186	3599	2987
iC7-60SA3A05-5700		4032	5819	5700	4731	6652	3871	3213
iC7-60SA3A05-6100	8 x Ax11	4315	6227	6100	5063	7118	4142	3438
iC7-60SA3A05-6500		4598	6636	6500	5395	7585	4414	3664

SGS Fimko Ltd
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Timo Leismala
Team Leader, EMC & RF

Additional information:

Current Ratings for Regenerative AFE module, UL 480 V AC (650-800 V DC)

Model code	Frame	AC ratings				DC ratings		
		S _N [kVA]	I _N [A]	I _L [A]	I _H [A]	I _{N-DC} [A]	P _L [kW]	P _H [kW]
iC7-60SA3A05-317A	Ax10	263	316	309	256	361	252	209
iC7-60SA3A05-400A		323	388	380	298	445	310	243
iC7-60SA3A05-514A		394	473	463	385	542	378	314
iC7-60SA3A05-580A	Ax11	442	531	520	424	608	424	346
iC7-60SA3A05-650A		498	598	585	470	684	477	383
iC7-60SA3A05-730A		553	664	650	511	759	530	417
iC7-60SA3A05-816A		622	747	731	607	853	596	495
iC7-60SA3A05-920A	2 x Ax10	701	843	825	639	964	673	521
iC7-60SA3A05-1030		790	950	930	770	1086	758	628
iC7-60SA3A05-1210	2 x Ax11	918	1103	1080	880	1262	880	717
iC7-60SA3A05-1410		1061	1276	1250	1030	1460	1019	840
iC7-60SA3A05-1630		1240	1491	1460	1210	1705	1190	986
iC7-60SA3A05-1860	3 x Ax11	1418	1705	1670	1363	1949	1361	1111
iC7-60SA3A05-2120		1622	1950	1910	1533	2230	1557	1250
iC7-60SA3A05-2450		1859	2236	2190	1820	2557	1785	1483
iC7-60SA3A05-2800	4 x Ax11	2131	2563	2510	1874	2930	2046	1527
iC7-60SA3A05-3270		2479	2981	2920	2430	3408	2380	1980
iC7-60SA3A05-3650	5 x Ax11	2793	3359	3290	2726	3840	2681	2222
iC7-60SA3A05-4080		3098	3726	3650	3030	4260	2974	2469
iC7-60SA3A05-4500	6 x Ax11	3404	4094	4010	3152	4681	3268	2569
iC7-60SA3A05-4900		3727	4482	4390	3640	5124	3577	2966
iC7-60SA3A05-5300	7 x Ax11	4032	4849	4750	3943	5543	3871	3213
iC7-60SA3A05-5700		4338	5217	5110	4241	5963	4164	3456
iC7-60SA3A05-6100	8 x Ax11	4651	5594	5480	4548	6395	4465	3706
iC7-60SA3A05-6500		4957	5962	5840	4847	6816	4759	3950

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Additional information:

Current Ratings for Regenerative AFE module, 500 V AC (650-800 V DC)

Model code	Frame	AC ratings				DC ratings		
		S _N [kVA]	I _N [A]	I _L [A]	I _H [A]	I _{N-DC} [A]	P _L [kW]	P _H [kW]
iC7-60SA3A05-317A	Ax10	274	316	309	256	361	263	218
iC7-60SA3A05-400A		337	388	380	298	445	323	253
iC7-60SA3A05-514A		410	473	463	385	542	393	327
iC7-60SA3A05-580A	Ax11	460	531	520	424	608	442	360
iC7-60SA3A05-650A		518	598	585	470	683	497	399
iC7-60SA3A05-730A		576	664	650	511	760	552	434
iC7-60SA3A05-816A		647	747	731	607	854	621	516
iC7-60SA3A05-920A	2 x Ax10	731	843	825	639	963	701	543
iC7-60SA3A05-1030		823	950	930	770	1086	790	654
iC7-60SA3A05-1210	2 x Ax11	956	1103	1080	880	1261	917	747
iC7-60SA3A05-1410		1106	1276	1250	1030	1459	1061	875
iC7-60SA3A05-1630		1292	1491	1460	1210	1704	1240	1027
iC7-60SA3A05-1860	3 x Ax11	1477	1705	1670	1363	1949	1418	1157
iC7-60SA3A05-2120		1689	1950	1910	1533	2229	1622	1302
iC7-60SA3A05-2450		1937	2236	2190	1820	2557	1859	1545
iC7-60SA3A05-2800	4 x Ax11	2220	2563	2510	1874	2930	2131	1591
iC7-60SA3A05-3270		2582	2981	2920	2430	3408	2479	2063
iC7-60SA3A05-3650	5 x Ax11	2909	3359	3290	2726	3840	2793	2314
iC7-60SA3A05-4080		3227	3726	3650	3030	4260	3098	2572
iC7-60SA3A05-4500	6 x Ax11	3546	4094	4010	3152	4681	3404	2676
iC7-60SA3A05-4900		3882	4482	4390	3640	5124	3726	3090
iC7-60SA3A05-5300	7 x Ax11	4200	4849	4750	3943	5544	4032	3347
iC7-60SA3A05-5700		4519	5217	5110	4241	5964	4337	3600
iC7-60SA3A05-6100	8 x Ax11	4845	5594	5480	4548	6395	4651	3861
iC7-60SA3A05-6500		5164	5962	5840	4847	6815	4957	4114

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Current Ratings for Low-harmonic AFE Module, 400 V AC (465–650 V DC)

Model code	Frame	AC ratings				DC ratings		
		S _N [kVA]	I _N [A]	I _L [A]	I _H [A]	I _{N-DC} [A]	P _L [kW]	P _H [kW]
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iC7-60SA3H05-1210	2 x Ax11	857	1236	1210	980	1413	822	666
iC7-60SA3H05-1410		998	1440	1410	1140	1647	958	775
iC7-60SA3H05-1630		1153	1664	1630	1360	1903	1107	924
iC7-60SA3H05-1860	3 x Ax11	1316	1899	1860	1575	2172	1263	1070
iC7-60SA3H05-2120		1500	2165	2120	1838	2475	1440	1248
iC7-60SA3H05-2450		1733	2501	2450	2030	2861	1664	1379
iC7-60SA3H05-2800	4 x Ax11	1981	2859	2800	2231	3268	1902	1515
iC7-60SA3H05-3270		2313	3338	3270	2710	3817	2221	1840
iC7-60SA3H05-3650	5 x Ax11	2582	3726	3650	2888	4260	2479	1961
iC7-60SA3H05-4080		2886	4165	4080	3390	4761	2771	2302
iC7-60SA3H05-4500	6 x Ax11	3183	4594	4500	3544	5251	3056	2407
iC7-60SA3H05-4900		3466	5002	4900	4070	5719	3327	2764
iC7-60SA3H05-5300	7 x Ax11	3749	5411	5300	4399	6186	3599	2987
iC7-60SA3H05-5700		4032	5819	5700	4731	6652	3871	3213
iC7-60SA3H05-6100	8 x Ax11	4315	6227	6100	5063	7118	4142	3438
iC7-60SA3H05-6500		4598	6636	6500	5395	7585	4414	3664

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Additional information:

Current Ratings for Low-harmonic AFE Module, UL 480 V AC (650–800 V DC)

Model code	Frame	AC ratings				DC ratings		
		S _N [kVA]	I _N [A]	I _L [A]	I _H [A]	I _{N-DC} [A]	P _L [kW]	P _H [kW]
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iC7-60SA3H05-514A		394	473	463	385	542	378	314
iC7-60SA3H05-580A	Ax11	442	531	520	424	608	424	346
iC7-60SA3H05-650A		498	598	585	470	684	477	383
iC7-60SA3H05-730A		553	664	650	511	759	530	417
iC7-60SA3H05-816A		622	747	731	607	853	596	495
iC7-60SA3H05-920A	2 x Ax10	701	843	825	639	964	673	521
iC7-60SA3H05-1030		790	950	930	770	1086	758	628
iC7-60SA3H05-1210	2 x Ax11	918	1103	1080	880	1262	880	717
iC7-60SA3H05-1410		1061	1276	1250	1030	1460	1019	840
iC7-60SA3H05-1630		1240	1491	1460	1210	1705	1190	986
iC7-60SA3H05-1860	3 x Ax11	1418	1705	1670	1363	1949	1361	1111
iC7-60SA3H05-2120		1622	1950	1910	1533	2230	1557	1250
iC7-60SA3H05-2450		1859	2236	2190	1820	2557	1785	1483
iC7-60SA3H05-2800	4 x Ax11	2131	2563	2510	1874	2930	2046	1527
iC7-60SA3H05-3270		2479	2981	2920	2430	3408	2380	1980
iC7-60SA3H05-3650	5 x Ax11	2793	3359	3290	2726	3840	2681	2222
iC7-60SA3H05-4080		3098	3726	3650	3030	4260	2974	2469
iC7-60SA3H05-4500	6 x Ax11	3404	4094	4010	3152	4681	3268	2569
iC7-60SA3H05-4900		3727	4482	4390	3640	5124	3577	2966
iC7-60SA3H05-5300	7 x Ax11	4032	4849	4750	3943	5543	3871	3213
iC7-60SA3H05-5700		4338	5217	5110	4241	5963	4164	3456
iC7-60SA3H05-6100	8 x Ax11	4651	5594	5480	4548	6395	4465	3706
iC7-60SA3H05-6500		4957	5962	5840	4847	6816	4759	3950

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Additional information:

Current Ratings for Low-harmonic AFE Module, 500 V AC (650–800 V DC)

Model code	Frame	AC ratings				DC ratings		
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iC7-60SA3H05-317A	Ax10	274	316	309	256	361	263	218
iC7-60SA3H05-400A		337	388	380	298	445	323	253
iC7-60SA3H05-514A		410	473	463	385	542	393	327
iC7-60SA3H05-580A	Ax11	460	531	520	424	608	442	360
iC7-60SA3H05-650A		518	598	585	470	683	497	399
iC7-60SA3H05-730A		576	664	650	511	760	552	434
iC7-60SA3H05-816A		647	747	731	607	854	621	516
iC7-60SA3H05-920A	2 x Ax10	731	843	825	639	963	701	543
iC7-60SA3H05-1030		823	950	930	770	1086	790	654
iC7-60SA3H05-1210	2 x Ax11	956	1103	1080	880	1261	917	747
iC7-60SA3H05-1410		1106	1276	1250	1030	1459	1061	875
iC7-60SA3H05-1630		1292	1491	1460	1210	1704	1240	1027
iC7-60SA3H05-1860	3 x Ax11	1477	1705	1670	1363	1949	1418	1157
iC7-60SA3H05-2120		1689	1950	1910	1533	2229	1622	1302
iC7-60SA3H05-2450		1937	2236	2190	1820	2557	1859	1545
iC7-60SA3H05-2800	4 x Ax11	2220	2563	2510	1874	2930	2131	1591
iC7-60SA3H05-3270		2582	2981	2920	2430	3408	2479	2063
iC7-60SA3H05-3650	5 x Ax11	2909	3359	3290	2726	3840	2793	2314
iC7-60SA3H05-4080		3227	3726	3650	3030	4260	3098	2572
iC7-60SA3H05-4500	6 x Ax11	3546	4094	4010	3152	4681	3404	2676
iC7-60SA3H05-4900		3882	4482	4390	3640	5124	3726	3090
iC7-60SA3H05-5300	7 x Ax11	4200	4849	4750	3943	5544	4032	3347
iC7-60SA3H05-5700		4519	5217	5110	4241	5964	4337	3600
iC7-60SA3H05-6100	8 x Ax11	4845	5594	5480	4548	6395	4651	3861
iC7-60SA3H05-6500		5164	5962	5840	4847	6815	4957	4114

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Date: 2024-08-23

Signature:



Timo Leismala
Team Leader, EMC & RF

Additional information:
Current Ratings for Inverter Module, 400 V AC (465–650 V DC)

Model code	Frame	AC current				Typical motor power, 400 V AC		DC current
		I _N [A]	I _L [A]	I _H [A]	I _{PEAK} [A]	P _L [kW]	P _H [kW]	
iC7-60SAIN05-385A	Ix10	394	385	320	544	200	160	410
iC7-60SAIN05-480A		490	480	399	679	250	200	510
iC7-60SAIN05-590A		603	590	490	833	315	250	641
iC7-60SAIN05-658A	Ix11	672	658	547	930	355	250	721
iC7-60SAIN05-730A		746	730	606	1031	400	315	813
iC7-60SAIN05-820A		838	820	681	1158	450	355	913
iC7-60SAIN05-880A		899	880	731	1243	500	400	1015
iC7-60SAIN05-1000	2 x Ix10	1021	1000	830	1411	560	450	1138
iC7-60SAIN05-1100		1123	1100	913	1553	630	500	1280
iC7-60SAIN05-1260	2 x Ax11	1287	1260	1050	1785	710	560	1441
iC7-60SAIN05-1450		1481	1450	1210	2057	800	630	1625
iC7-60SAIN05-1710		1746	1710	1420	2414	900	710	1826
iC7-60SAIN05-1760	3 x Ix11	1797	1760	1470	2499	1000	800	2030
iC7-60SAIN05-1960		2001	1960	1630	2771	1100	900	2234
iC7-60SAIN05-2150		2195	2150	1790	3043	1200	1000	2436
iC7-60SAIN05-2340		2389	2340	1950	3315	1300	1000	2639
iC7-60SAIN05-2510		2563	2510	2090	3553	1400	1100	2841
iC7-60SAIN05-2640	4 x Ix11	2695	2640	2200	3740	1500	1200	3045
iC7-60SAIN05-2880		2940	2880	2400	4080	1600	1300	3247
iC7-60SAIN05-3060		3124	3060	2540	4318	1700	1400	3450
iC7-60SAIN05-3280		3349	3280	2730	4641	1800	1500	3652
iC7-60SAIN05-3420	5 x Ix11	3492	3420	2840	4828	1900	1500	3856
iC7-60SAIN05-3600		3675	3600	2990	5083	2000	1600	4058
iC7-60SAIN05-4060		4145	4060	3370	5729	2200	1800	4465
iC7-60SAIN05-4320	6 x Ix11	4410	4320	3590	6103	2400	1900	4871
iC7-60SAIN05-4870		4972	4870	4050	6885	2700	2200	5478

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Additional information:
Current Ratings for Inverter Module, UL 460 V AC (650–800 V DC)

Model code	Frame	AC current				Typical motor power, 460 V AC		DC current
		I _N [A]	I _L [A]	I _H [A]	I _{PEAK} [A]	P _L [kW]	P _H [kW]	
iC7-60SAIN05-385A	1x10	394	385	320	544	300	250	380
iC7-60SAIN05-480A		490	480	399	679	350	300	443
iC7-60SAIN05-590A		543	531	441	750	450	350	570
iC7-60SAIN05-658A	1x11	603	590	490	833	500	350	632
iC7-60SAIN05-730A		672	658	547	930	550	450	695
iC7-60SAIN05-820A		746	730	606	1031	600	500	758
iC7-60SAIN05-880A		838	820	681	1158	700	550	883
iC7-60SAIN05-1000	2 x 1x10	940	920	764	1299	750	550	948
iC7-60SAIN05-1100		1052	1030	855	1454	850	650	1073
iC7-60SAIN05-1260	2 x Ax11	1174	1150	960	1632	950	750	1200
iC7-60SAIN05-1450		1328	1300	1080	1836	1100	850	1389
iC7-60SAIN05-1710		1603	1570	1310	2227	1300	1100	1641
iC7-60SAIN05-1760	3 x 1x11	1787	1750	1470	2499	1500	1200	1892
iC7-60SAIN05-1960		1940	1900	1580	2686	1600	1300	2021
iC7-60SAIN05-2150		2083	2040	1700	2890	1700	1300	2146
iC7-60SAIN05-2340		2195	2150	1790	3043	1800	1500	2272
iC7-60SAIN05-2510		2389	2340	1950	3315	1900	1600	2397
iC7-60SAIN05-2640	4 x 1x11	2532	2480	2060	3502	2100	1700	2650
iC7-60SAIN05-2880		2685	2630	2190	3723	2200	1800	2775
iC7-60SAIN05-3060		2828	2770	2300	3910	2300	1800	2902
iC7-60SAIN05-3280		3114	3050	2540	4318	2500	2100	3155
iC7-60SAIN05-3420	5 x 1x11	3277	3210	2670	4539	2700	2200	3406
iC7-60SAIN05-3600		3573	3500	2910	4947	2900	2300	3658
iC7-60SAIN05-4060		3859	3780	3140	5338	3200	2500	4036
iC7-60SAIN05-4320	6 x 1x11	4176	4090	3400	5780	3400	2700	4289
iC7-60SAIN05-4870		4625	4530	3760	6392	3700	2900	4667

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Additional information:
Current Ratings for Inverter Module, 500 V AC (650–800 V DC)

Model code	Frame	AC current				Typical motor power, 500 V AC		DC current
		I _N [A]	I _L [A]	I _H [A]	I _{PEAK} [A]	P _L [kW]	P _H [kW]	
iC7-60SAIN05-385A	1x10	394	385	320	544	250	200	408
iC7-60SAIN05-480A		490	480	399	679	315	250	513
iC7-60SAIN05-590A		543	531	441	750	355	250	577
iC7-60SAIN05-658A	1x11	603	590	490	833	400	315	651
iC7-60SAIN05-730A		672	658	547	930	450	355	731
iC7-60SAIN05-820A		746	730	606	1031	500	400	812
iC7-60SAIN05-880A		838	820	681	1158	560	450	910
iC7-60SAIN05-1000	2 x 1x10	940	920	764	1299	630	500	1024
iC7-60SAIN05-1100		1052	1030	855	1454	710	560	1153
iC7-60SAIN05-1260	2 x Ax11	1174	1150	960	1632	800	630	1300
iC7-60SAIN05-1450		1328	1300	1080	1836	900	710	1461
iC7-60SAIN05-1710		1603	1570	1310	2227	1100	900	1787
iC7-60SAIN05-1760	3 x 1x11	1787	1750	1470	2499	1200	1000	1949
iC7-60SAIN05-1960		1940	1900	1580	2686	1300	1100	2112
iC7-60SAIN05-2150		2083	2040	1700	2890	1400	1100	2273
iC7-60SAIN05-2340		2195	2150	1790	3043	1500	1200	2436
iC7-60SAIN05-2510		2389	2340	1950	3315	1600	1300	2598
iC7-60SAIN05-2640	4 x 1x11	2532	2480	2060	3502	1700	1400	2760
iC7-60SAIN05-2880		2685	2630	2190	3723	1800	1500	2922
iC7-60SAIN05-3060		2828	2770	2300	3910	1900	1500	3085
iC7-60SAIN05-3280		3114	3050	2540	4318	2000	1700	3246
iC7-60SAIN05-3420	5 x 1x11	3277	3210	2670	4539	2200	1800	3572
iC7-60SAIN05-3600		3573	3500	2910	4947	2400	1900	3897
iC7-60SAIN05-4060		3859	3780	3140	5338	2600	2100	4221
iC7-60SAIN05-4320	6 x 1x11	4176	4090	3400	5780	2800	2300	4546
iC7-60SAIN05-4870		4625	4530	3760	6392	3100	2600	5033

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Additional information:

Current Ratings for Grid Converter Module, 400 V AC (465–650 V DC)

Model code	Frame	AC ratings				DC ratings		
		S _N [kVA]	I _N [A]	I _L [A]	I _H [A]	I _{N-DC} [A]	P _{L-DC} [kW]	P _{H-DC} [kW]
iC7-60SAGC05-317A	Ax10	225	324	317	263	371	216	179
iC7-60SAGC05-400A		284	409	400	327	469	272	223
iC7-60SAGC05-514A		364	525	514	426	602	349	290
iC7-60SAGC05-580A	Ax11	411	593	580	464	677	394	316
iC7-60SAGC05-650A		461	664	650	525	760	442	357
iC7-60SAGC05-730A		517	746	730	591	852	496	402
iC7-60SAGC05-816A		578	833	816	678	953	555	461
iC7-60SAGC05-920A	2 x Ax10	652	940	920	735	1075	625	500
iC7-60SAGC05-1030		729	1052	1030	850	1203	700	578
iC7-60SAGC05-1210	2 x Ax11	857	1236	1210	980	1413	822	666
iC7-60SAGC05-1410		998	1440	1410	1140	1647	958	775
iC7-60SAGC05-1630		1153	1664	1630	1360	1903	1107	924
iC7-60SAGC05-1860	3 x Ax11	1316	1899	1860	1575	2172	1263	1070
iC7-60SAGC05-2120		1500	2165	2120	1838	2475	1440	1248
iC7-60SAGC05-2450		1733	2501	2450	2030	2861	1664	1379
iC7-60SAGC05-2800	4 x Ax11	1981	2859	2800	2231	3268	1902	1515
iC7-60SAGC05-3270		2313	3338	3270	2710	3817	2221	1840
iC7-60SAGC05-3650	5 x Ax11	2582	3726	3650	2888	4260	2479	1961
iC7-60SAGC05-4080		2886	4165	4080	3390	4761	2771	2302
iC7-60SAGC05-4500	6 x Ax11	3183	4594	4500	3544	5251	3056	2407
iC7-60SAGC05-4900		3466	5002	4900	4070	5719	3327	2764
iC7-60SGCA05-5300	7 x Ax11	3749	5411	5300	4399	6186	3599	2987
iC7-60SGCA05-5700		4032	5819	5700	4731	6652	3871	3213
iC7-60SGCA05-6100	8 x Ax11	4315	6227	6100	5063	7118	4142	3438
iC7-60SGCA05-6500		4598	6636	6500	5395	7585	4414	3664

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Additional information:

Current Ratings for Grid Converter Module, 500 V AC (650–800 V DC)

Model code	Frame	AC ratings				DC ratings		
		S _N [kVA]	I _N [A]	I _L [A]	I _H [A]	I _{N-DC} [A]	P _{L-DC} [kW]	P _{H-DC} [kW]
iC7-60SAGC05-317A	Ax10	274	316	309	256	361	263	218
iC7-60SAGC05-400A		337	388	380	298	445	323	253
iC7-60SAGC05-514A		410	473	463	385	542	393	327
iC7-60SAGC05-580A	Ax11	460	531	520	424	608	442	360
iC7-60SAGC05-650A		518	598	585	470	683	497	399
iC7-60SAGC05-730A		576	664	650	511	760	552	434
iC7-60SAGC05-816A		647	747	731	607	854	621	516
iC7-60SAGC05-920A	2 x Ax10	731	843	825	639	963	701	543
iC7-60SAGC05-1030		823	950	930	770	1086	790	654
iC7-60SAGC05-1210	2 x Ax11	956	1103	1080	880	1261	917	747
iC7-60SAGC05-1410		1106	1276	1250	1030	1459	1061	875
iC7-60SAGC05-1630		1292	1491	1460	1210	1704	1240	1027
iC7-60SAGC05-1860	3 x Ax11	1477	1705	1670	1363	1949	1418	1157
iC7-60SAGC05-2120		1689	1950	1910	1533	2229	1622	1302
iC7-60SAGC05-2450		1937	2236	2190	1820	2557	1859	1545
iC7-60SAGC05-2800	4 x Ax11	2220	2563	2510	1874	2930	2131	1591
iC7-60SAGC05-3270		2582	2981	2920	2430	3408	2479	2063
iC7-60SAGC05-3650	5 x Ax11	2909	3359	3290	2726	3840	2793	2314
iC7-60SAGC05-4080		3227	3726	3650	3030	4260	3098	2572
iC7-60SAGC05-4500	6 x Ax11	3546	4094	4010	3152	4681	3404	2676
iC7-60SAGC05-4900		3882	4482	4390	3640	5124	3726	3090
iC7-60SGCA05-5300	7 x Ax11	4200	4849	4750	3943	5544	4032	3347
iC7-60SGCA05-5700		4519	5217	5110	4241	5964	4337	3600
iC7-60SGCA05-6100	8 x Ax11	4845	5594	5480	4548	6395	4651	3861
iC7-60SGCA05-6500		5164	5962	5840	4847	6815	4957	4114

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