REVO C 1PH

			1	2	3	4	5	6		7	8	9	10	11	12	13	14	15	16
REVO C 1PH			R	C	1	_	_	_	-	_	_	_	_	_	_	_	_	_	_

ORDER CODE 30-800A:

CURRENT	FUSES	4	5	6	
description	description	code			note
30A	Extrarapid Fuse + Fuse Holder Included	0	3	0	
35A	Extrarapid Fuse + Fuse Holder Included	0	3	5	
40A	Extrarapid Fuse + Fuse Holder Included	0	4	0	
60A	Extrarapid Fixed Fuses Included	0	6	0	
90A	Extrarapid Fixed Fuses Included	0	9	0	
120A	Extrarapid Fixed Fuses Included	1	2	0	
150A	Extrarapid Fixed Fuses Included	1	5	0	
180A	Extrarapid Fixed Fuses Included	1	8	0	
210A	Extrarapid Fixed Fuses Included	2	1	0	
300A	Extrarapid Fixed Fuses Included	3	0	0	
400A	Extrarapid Fixed Fuses Included	4	0	0	
500A	Extrarapid Fixed Fuses Included	5	0	0	
600A	Extrarapid Fixed Fuses Included	6	0	0	
700A	Extrarapid Fixed Fuses Included	7	0	0	
800A	Extrarapid Fixed Fuses Included	8	0	0	5

MAX VOLTAGE	7	
description	code	note
480V	4	
600V	6	
690V	7	1,2

MAIN SUPPLY VOLTAGE	AUX VOLTAGE RANGE	8	
	V range	code	note
100/120Vac	90 to 135V Vac	1	3
200/208/230/240Vac	180 to 265V Vac	2	3
277Vac	238 to 330V Vac	3	3
380/415/480Vac	342 to 528V Vac	5	3
600Vac	540 to 759V Vac	6	3
690Vac	540 to 759V Vac	7	3

MAIN INPUT	9	
description	code	note
SSR	S	
0:20mA	B	
4:20mA	A	
0:10V	V	
10KPot	K	

FIRING	START OPTION	10	
description	description	code	note
Single Cycle	No Soft Start	C	
	Linear Soft Starter	S	
Half Cycle	No Soft Start	H	
	Linear Soft Starter	L	
	Soft Start for short Infr. Lamp	I	
Burst Firing	No Soft Start	B	
	Linear Soft Starter	J	
Phase Angle	No Soft Start	P	
	Linear Soft Starter	E	
Delayed Triggering	No Soft Start	D	
	Linear Soft Starter	T	
Zero Crossing	No Soft Start	Z	
	Linear Soft Starter	R	

CONTROL MODE	11	
description	code	note
Open Loop	O	
Voltage	U	
Voltage Square	Q	
Current	I	
Current Square	A	
Power Vxl	W	

OPTION	12	
description	code	note
No Option	0	
Option code - see "Options" table below	. . .	

FAN VOLTAGE	13	
description	code	note
No Fan < 90A	0	
Fan 115Vac ≥ 90A	1	
Fan 230Vac ≥ 90A Std Version	2	
Fan 24Vdc ≥ 90A	3	

APPROVALS	14	
description	code	note
CE EMC For European Market	0	
CUL us® + CE EMC For American & European Market	L	

LOAD TYPE	15	
description	code	note
1 PH Normal Resistance	0	
1 PH IRSW Infrared Short Wave	1	
1 PH MoSi2 Heaters	2	7
1 PH SiC Heaters	3	
1 PH Transformer Coupled with Normal Resistance	4	6
1 PH Transformer Coupled with MoSi2 Heaters	5	6
1 PH Transformer Coupled with SiC Resistance	6	6
1 PH Transformer Coupled with UV Lamp	7	6

COMMUNICATION AND RETRANSMISSION		16	
description	description	code	note
N°1 Modbus® RTU	No Retransmission	0	
	Retransmission 4:20mA	1	
	Retransmission 0:10V	2	
N°2 Modbus® RTU	No Retransmission	3	4
	Retransmission 4:20mA	4	4
	Retransmission 0:10V	5	4
N°1 Profibus® DP	No Retransmission	6	4
	Retransmission 4:20mA	7	4
	Retransmission 0:10V	8	4
N°1 Profinet® IO	No Retransmission	9	4
	Retransmission 4:20mA	A	4
	Retransmission 0:10V	B	4
N°1 Modbus® TCP	No Retransmission	C	4
	Retransmission 4:20mA	D	4
	Retransmission 0:10V	E	4
N°1 Ethernet IP + N°1 Modbus® RTU	No Retransmission	F	2
	Retransmission 4:20mA	G	2
	Retransmission 0:10V	H	2

Note (1): No cUL/UL approved   Note (2): Available on unit ≥60A   Note (3): Main Supply Voltage has to be included in Auxiliary Voltage range
Note (4): 24Vdc Backup Power for User Interface and Communications included   Note (5): UL approved (not cUL)
Note (6): This configuration is possible only with Delayed Triggering or Phase Angle Firing   Note (7): This configuration is possible only with Phase Angle Firing

Secondary Input can be configured for external current limit reference, external feedback or secondary input reference. See the manual for more informations.

ORDER CODE 1100-2100A:

CURRENT	FUSES	4	5	6	
description	description	code			note
1100A	Extrarapid Fixed Fuses Included	1	1	H	
1400A	Extrarapid Fixed Fuses Included	1	4	H	
1600A	Extrarapid Fixed Fuses Included	1	6	H	
1800A	Extrarapid Fixed Fuses Included	1	8	H	
2100A	Extrarapid Fixed Fuses Included	2	1	H	

MAX VOLTAGE	7	
description	code	note
480V	4	
600V	6	
690V	7	

AUX SUPPLY VOLTAGE	AUX VOLTAGE RANGE	8	
description	description	code	note
100/120Vac	90 to 135V Vac	1	
200/208/230/240Vac	180 to 265V Vac	2	

MAIN INPUT	9	
description	code	note
SSR	S	
0:20mA	B	
4:20mA	A	
0:10V	V	
10KPot	K	

FIRING	START OPTION	10	
description	description	code	note
Burst Firing	No Soft Start	B	
	Linear Soft Starter	J	
Phase Angle	No Soft Start	P	
	Linear Soft Starter	E	
Delayed Triggering	No Soft Start	D	
	Linear Soft Starter	T	
Zero Crossing	No Soft Start	Z	
	Linear Soft Starter	R	

CONTROL MODE	11	
description	code	note
Open Loop	O	
Voltage	U	
Voltage Square	Q	
Current	I	
Current Square	A	
Power Vxl	W	

OPTION	12	
description	code	note
No Option	0	
Option code - see "Options" table below	. . .	

FAN VOLTAGE	13	
description	code	note
Fan 115Vac	1	
Fan 230Vac Standard Version	2	

APPROVALS	14	
description	code	note
CE EMC For European Market - IP protection rating = 0	0	
CE EMC For European Market - IP protection rating = 20	1	
UL + CE EMC For European Market - IP protection rating = 0	2	
UL + CE EMC For European Market - IP protection rating = 20	L	

LOAD TYPE	15	
description	code	note
Normal Resistance	0	
IRSW Infrared Short Wave	1	
MoSi2 Heaters	2	6
SiC Heaters	3	
Transformer Coupled with Normal Resistance	4	5
Transformer Coupled with MoSi2 Heaters	5	5
Transformer Coupled with SiC Resistance	6	5
Transformer Coupled with UV Lamp	7	5

COMMUNICATION AND RETRANSMISSION		16	
description	description	code	note
N°1 Modbus® RTU	No Retransmission	0	
	Retransmission 4:20mA	1	
	Retransmission 0:10V	2	
N°2 Modbus® RTU	No Retransmission	3	4
	Retransmission 4:20mA	4	4
	Retransmission 0:10V	5	4
N°1 Profibus® DP + N°1 Modbus® RTU	No Retransmission	6	4
	Retransmission 4:20mA	7	4
	Retransmission 0:10V	8	4
N°1 Profinet® IO + N°1 Modbus® RTU	No Retransmission	9	4
	Retransmission 4:20mA	A	4
	Retransmission 0:10V	B	4
N°1 Modbus® TCP + N°1 Modbus® RTU	No Retransmission	C	4
	Retransmission 4:20mA	D	4
	Retransmission 0:10V	E	4
N°1 Ethernet IP + N°1 Modbus® RTU	No Retransmission	F	4
	Retransmission 4:20mA	G	4
	Retransmission 0:10V	H	4

Note (4): 24Vdc Backup Power for User Interface and Communications included
Note (5): This configuration is possible only with Delayed Triggering or Phase Angle Firing   Note (6): This configuration is possible only with Phase Angle Firing

Secondary Input can be configured for external current limit reference, external feedback or secondary input reference. See the manual for more informations.

OPTIONS TABLE:

☐ No option   ▨ Option selected (ex code 3: Logging + Totalizer)

I LIMIT	HB	BLUETOOTH	LOGGING	TOTALIZER	Cod. OPTION	NOTES
					Ø	
					1	
					2	
					3	
					4	
					5	
					6	
					7	
					8	I LIMIT (CURRENT LIMIT) This option is used to keep the overcurrent inside set limit. It's necessary to drive primary transformers and cold resistance. It's dual limit for peak and RMS value.
					9	
					A	
					B	
					C	HB Alarm for partial or total load failure and Short Circuit on SCR (relay output)
					D	
					E	WiFi not available
					F	
					G	Bluetooth Communication and control of the unit via APP
					H	
					I	APP "RevoBLE" free download from Google Play or Apple Store
					J	
					K	Data Logger Reading and data logging of Current (I), Voltage (V) and Power (%) for diagnostics
					L	
					M	Energy Totalizer Power reading: totals the energy consumption of the load by providing the kW consumed
					N	
					O	
					P	
					Q	
					R	
					S	
					T	
					U	
					V	