

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

*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	Fixed Fuses Included	1	1	H	
1400A	Fixed Fuses Included	1	4	H	
1600A	Fixed Fuses Included	1	6	H	
1800A	Fixed Fuses Included	1	8	H	
2100A	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		0	
Voltage		U	
Voltage Square		Q	
Current		I	
Current Square		A	
Power Vxl		W	

*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	WIFI	LOGGING	TOTALIZER	CODE
					0
					1
					2
					3
					4
					5
					6
					7
					8
					9
					A
					B
					C
					D
					E
					F
					G
					H
					I
					J
					K
					L
					M
					N
					O
					P
					Q
					R
					S
					T
					U
					V

CONTROL MODE		11	
description		code	note
Open Loop		0	
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

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

NOTES					
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.					
HB Alarm for partial or total load failure and Short Circuit on SCR (relay output).					
WIFI Option that allows communication with a smart phone. From your smart phone via the CD Automation App, direct to your thyristor unit in the cabinet to read current, voltage, power and energy totalization as well as the ability to change parameters to improve process and product quality without opening the cabinet door.					
APP Free of charge download it from Google Play or Apple Store.					
DATA LOGGER This feature is important to see the historical data of parameter like Current, Voltage and Power and can be useful to diagnose a fault.					
ENERGY TOTALIZER This function totalize the energy consumption of the load allowing the calculation of heating treatment.					