

SDMO Generation 2000

SDMO MICS G2000 Control Panels

PANEL RANGE Various solutions available				Manual			Auto			A
				M1	M2	M3	A1	A2	A3	
				PACIFIC		●	○	×	○	
X	X	X	○	X	○	×	○	×	○	×
PERFORMANCE		●	○	X	○	×	○	×	○	×
EVOLUTION	P ≤ 40kVA	●	○	X	○	×	○	×	○	×
	P ≥ 60kVA	X	●	X	○	×	○	×	○	×
MASTERS 1		X	●	X	○	×	○	×	○	×
MASTERS 2 / MASTERS 3		X	X	●	X	○	○	○	×	○
ATLANTIC		X	X	●	X	○	○	○	×	○



M1 (Optional sockets)



A1



M2



A2



M3



A3



A 400
Automatic panel
with synchronisation
paralleling
and load sharing

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X 200 - X 300 Separate automatic panels

By selection the "Automatic system" on boxes M2 and M3, it is now possible to turn manual generating sets into automatic devices thanks to the X200 and X300 panels. This function is particularly useful in the optimisation of stock management.

		12Vcc	24Vcc
Front panel	Operation		
	3-position switch (test/stop/auto)	●	●
	Fail to start light	●	●
	Genset fault light (OP, WT, low fuel level)	●	●
	Lamp test button	●	●
Interior	Wiring for start-up with external instruction	●	●
	3-phase mains detection with adjustment of delay on start and return to mains power times	○	○
	Battery charge 12V (2,5A) or 24V (3A)	○	○
	Single-phase water preheating	○	○
	3-phase water preheating	○	○
	Connection terminal (with genset)	●	●



X 300 (24V)

POWER MODULES

Miniature CB, 10-125A (Merlin Gérin)	×	●	●	●
Moulded case CB, 160-630A (Merlin Gérin)	●	○	●	●
Moulded case CB, 800-2000A (Siemens)	●	○	●	●
Air CB, 2500-3200A (Siemens)	●	○	●	●
Without CB (power terminals only)		○	○	○



160A

SEPARATE AUTO TRANSFER SWITCHES

SDMO supplies a full range of separate "Mains-Standby" changeover switches. This technical solution has several advantages : cost (positioned near mains input panel), easy installation (single heavy cable run). This range is standard and always in stock. Two factors make the option very good value : IP 55 housing with easy access to cable connections and four lamps on the front panel face ; mains available, mains on load, genset available, genset on load . The panel conforms with EMC requirements.

	INS 45 A	INS 63 A	INS 72 A	INS 90 A	INS 100 A	INS 140 A	INS 144 A	INS 200 A	INS 224 A	INS 275 A	INS 350 A	INS 400 A	INS 500 A	INS 700 A	INS 1000	INS 1600	INS 2000	INS 2500
2 poles	×	×	●	×	●	×	●	×	●	×	×	×	×	×	×	×	×	×
3 poles	●	●	×	●	×	●	×	●	×	●	●	●	●	●	●	●	●	●
4 poles	●	●	×	●	×	●	×	●	×	●	●	●	●	●	●	●	●	●
Voltage	208-440V (3-phase)	●	●	×	●	×	●	×	●	×	●	●	●	●	●	●	●	●
	208-240V (1-phase)	×	×	●	×	●	×	●	×	●	×	×	×	×	×	×	×	×
Changeover by contactor	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Changeover by motorised CB	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
Protection of auxiliaries (1)	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	C/B	C/B	C/B	C/B	C/B	C/B	C/B	C/B	C/B
	Terminals	●	●	●	●	●	●	●	●	●	×	×	×	×	×	×	×	×
Dimensions	Copper barse	×	×	×	×	×	×	×	×	●	●	●	●	●	●	●	●	●
	Width	500	400	400	400	400	400	400	600	400	700	700	700	700	800	1200	1200	1200
	Height	400	500	500	600	500	600	600	800	600	900	900	900	900	1000	1200	2000	2000
	Depth	200	200	200	200	200	200	200	300	200	300	300	300	300	400	400	500	500
Wall panel IP 55	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	×	×	×
Free-standing panel IP 55	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	●	●	●



45A

