INTEGRATOR TYPES

Type	Output	Power supply	Coil input connector	Output connector	No. of sensitivity ranges	Range selection method	No. of channels	Enclosure	Integrator options
6141	AC voltage waveform	2 x PP3 batteries or external power supply	LEMO Type '0'	BNC	4	rotary switch	1	diecast box: 115 x 65 x 55mm	RMS output overload indication extra range
7141	AC voltage waveform	120/230V mains + battery backup	LEMO Type '0'	BNC	4	rotary switch or remote switching	1	metal box: 216 x 156 x 82mm	RMS output overload indication extra range
7341	AC voltage waveform	120/230V mains + battery backup	LEMO Type '0'	BNC	4	rotary switch or remote switching	3	metal box: 216 x 156 x 82mm	RMS output overload indication extra range
DIN1	4 - 20mA DC current	maximum 36V DC supplied by the user	screw terminals	screw terminals	1	N/A	1	DIN-rail mounted plastic case 73 x 58 x 16.5mm	dual inputs
DINAC	AC voltage waveform	15-30V DC supplied by the user	screw terminals	screw terminals	1	N/A	1	DIN-rail mounted plastic case 73 x 58 x 28.5mm	RMS output dual inputs
Wallmount	0-20mA AC current	120/230V mains	LEMO Type '0' or screw terminals	screw terminals	1	N/A	3	metal cabinet: 300 x 300 x 120mm	dual inputs
Oneamp	0 - 1A AC current	120/230V mains	LEMO Type '0' or screw terminals	screw terminals	1	N/A	3	metal cabinet: 300 x 400 x 120mm	dual inputs
8141RM	AC voltage waveform	15 - 30V DC supplied by the user	screw terminals	screw terminals	4	remote switching	1	metal box: 98 x 64 x 36mm	
8131	AC voltage waveform	1 x PP3 battery	coil connected permanently	BNC	3	rotary switch	1	metal box 58 x 64 x 36mm	
SIPCB	AC voltage waveform	+ and - supplies. Maximum ± 18 V supplied by the user	screw terminals	screw terminals	2	input terminal selection	1	Screening can 50 x 50 x 15mm.	dual inputs
Passive	AC voltage waveform	none	usually connected permanently	BNC	1	N/A	1	Metal Box 92 x 38 x 31mm	
Mini-passive	AC voltage waveform	none	connected permanently	cable + BNC	1	N/A	1	in-line cylinder 17mm diameter	

NOTES:

1) **RMS output**: A DC output giving the true RMS value of the waveform in addition to the waveform output.
2) **Overload indication**: Lights an LED when the integrator output is close to saturation.
3) **Input-terminal selection**: The integrator has two input connectors for the coil. The sensitivity is determined by which connector is used.
4) **Dual Inputs**: Accepts the inputs from two coils on separate conductors to give the sum of currents in the two conductors. Integrators with dual input capability can also be configured to have two sensitivities determined by input-terminal selection.