

# Modular Controlling Switches

## Modular Timer



### Timer LNSB1

Drive	Type Designation	Program	Battery	Article No.
Quartz control motor	LNSB1	Day	With	LNSB101

### Timer LNSB2

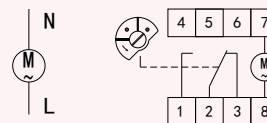
Drive	Type Designation	Program	Battery	Article No.
Quartz control motor	LNSB2	Day	With	LNSB201

## Technical Data

### Timer LNSB1/LNSB2

- Design according to EN60730
- Switches "ON" and "OFF" automatically following a pre-determined program
- Programming by means of switching sides
- This product is suitable in use for domestic ,commercial and industrial installations.
- Available with or without power reserve
- 24hours dial with 15mins segments
- Switching status indication

### Connection Diagrams



### Electrical

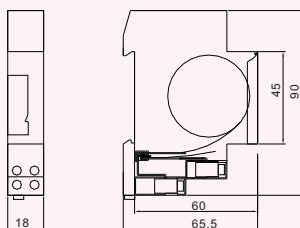
	LNSB1(Power reserve)	LNSB2(Power reserve)
Rated voltage	230V AC	230V AC
Rated frequency	50/60Hz	50/60Hz
Power consumption	2,5 VA	2,5 VA
Switching contact	1NO	1NO+1NC
Contact capacity	16A/250V AC(COS φ =1) 4A/250V AC(COS φ =0,6)	16A/250V AC
Contact resistance	≤50mΩ	≤50mΩ
Insulation resistance	≥100MΩ	≥100MΩ
Coil Voltage	110/230VAC	110/230VAC
Power reserve	70hours	150hours
Drive	quarz-controlled motor	quarz-controlled motor
Program(Full time range )	day(24hours)	day(24hours)
Minimum setting Unit	15 minutes	30 minutes
Set up times	15mins/per time, 96times	30mins/per time, 48times

### Mechanical

	LNSB1(Power reserve)	LNSB2(Power reserve)
Frame size	45 mm	45 mm
Device height	90 mm	90 mm
Device width	17,5 mm	52,5 mm
Depth	60 mm	60 mm
Mounting	quick fastening on DIN rail IEC/EN 60715	
Upper and lower terminals	lift terminals	lift terminals
Terminal capacity:		
one-wire	1,5-4mm <sup>2</sup>	1,5-4mm <sup>2</sup>
fine wire	1-2,5mm <sup>2</sup>	1-2,5mm <sup>2</sup>
Tightening torque of terminal screws	0,8 Nm	0,8 Nm
Perm.ambient temperature range	-10°C ~ 55°C	-40°C ~ 55°C
Electrical life	10 <sup>5</sup> times	10 <sup>5</sup> times
Mechanical life	10 <sup>7</sup> times	10 <sup>7</sup> times
Flame class acc.to EN60730	D	D
Sealable	Yes	Yes

### Dimensions(mm)

LNSB1



LNSB2

