

Programmable time switches

Multiple function - daily/weekly



AlphaRex Series

According to VDE 631-1 and 631-2-7, IEC 60 730-1 and 60 730-2-7, EN 60 730-1 and 60 730-2-7

Ideal for school bells

Fast programming with selection of pre-set groups of days and individual selection of days

Easy programming with PC using Legrand software and data key

Program consists of ON and OFF time with assignment to certain days

Backup possible on data key

With additional functions:

- holiday program
- random function
- pulse function (only 1 channel) with pulse duration of 1sec up to 59 min, 59 sec. and 84 start times
- hour counter for max. 65 535 hours.

Background lighting for display and buttons

Running reserve of 6 years for date and time

Programs are stored in a EEPROM

Programs are shown as a weekly matrix on the display

Automatic summer-/wintertime change (daylight saving)

Precision +/- 0,2 sec/day

Manual switching

Lead sealable cover, even with inserted data key



Dimensions (p. 100)

Pack	Cat. No.	AlphaRex D21
1	047 61	Weekly time switch, 1 channels 230 V, 50/60 Hz 1 changeover (SPDT) 250 V/50 Hz, 16 A~ cosφ=1 56 programs min. switching time: 1 min. switching stem: 1 min.
1	047 71	AlphaRex D22 Weekly time switch, 2 channels 230 V, 50/60 Hz 2 changeover (SPDT) 250 V/50 Hz, 16 A~ cosφ=1 56 programs (28 per channel) min. switching time: 1 min. switching stem: 1 min.
1	047 72	Data key Transfer data into time switch PC programmable Can also be used as a backup
1	047 73	USB-adapter To read and write data keys on a PC Software and key 04772 included Connection via USB-port System requirements: Windows®2000, Windows®ME, Windows®XP and Windows®98 second Edition, 0 MB free disc space Serial adapter on demand

Programmable time switches

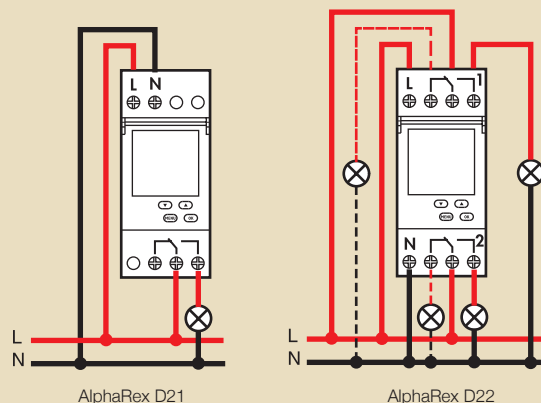
DIN rail mounting

Technical data

Type	Alpha Rex D21	Alpha Rex D22
No. of modules (17.5 mm)		2
No. of channels	1	2
running reserve		6 years
switching step		1 min
min. switching time		1 min
accuracy		0,2 sec/day
switching capacity		
■ resistive 230 V~cos φ = 1		16 A~
■ incandescent lamps 230 V		8 A~
■ inductive 230 V~cos φ = 0,6		10 A~
contact	1 SPDT	2 SPDT
programs1)	56	
pulse start times	84	
	min. 1 sec	
	max. 59 min,	
pulse duration	59 sec	
operating temperature	- 20° C	+55° C
protection		IP20

(1) A program consists of an ON and an OFF time and the assigned days.

Wiring Diagram



Easy Programming

The data key makes work even more convenient. You can set up the program easily on your PC and then save it on your data key. With the Legrand software and the adapter it is a piece of cake.

Created programs can easily be saved, edited, managed and used.



Some items sold separately

For pack quantity, please refer to numerical index pages

For trade price, please see your local HPM Legrand representative for the current price list

Digital weekly time switch

DIN rail mounting



6047 74

According to EN 60730-1 and EN 60730-2-7

Digital weekly DIN rail mounting time switch
1 program consists of 1 ON and 1 OFF time and the allocation of any day of the week or a combination of days and the selected channel (2 channel version).

Additional features:

- manual override (ON/OFF): permanent ON or OFF
- automatic override (ON/OFF): actual program will be inversed (ON->OFF, OFF->ON) till next programmed ON time
- automatic changing of summer/winter time
- running reserve of 6 years

Pack Cat. No. MicroRex D21 Plus

Pack	Cat. No.	1 channel
1	6047 74	230V 50/60Hz
1	6047 75	24V AC/DC

MicroRex D22 Plus

Pack	Cat. No.	2 channel
1	6047 77	230V 50/60Hz
1	6047 78	24V AC/DC

Digital time switch

DIN rail mounting

Technical characteristics

Type	D21	D22 plus
Channels	1	2
Running reserve		6 years
Min. switching time		1 min
Accuracy		+/-1 s/d
Switching capacity		
Res. cos = 1		16A
Incad. lamps		5A
Ind. cos = 0,6		8A
Contact		changeover (SPDT) 16A
Max. programs	28	14 channel
Operation temp.		-20° C - +55° C
Storage temp.		-20° C - +60° C
Protection		IP20

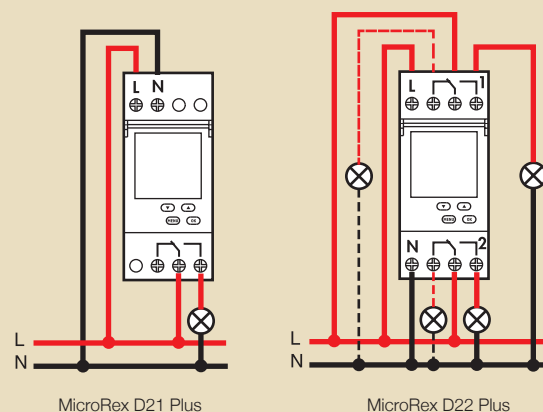
example:

1. prog.: ON 07:00h
2. prog.: ON 16:00h
3. prog.: ON 10:00h

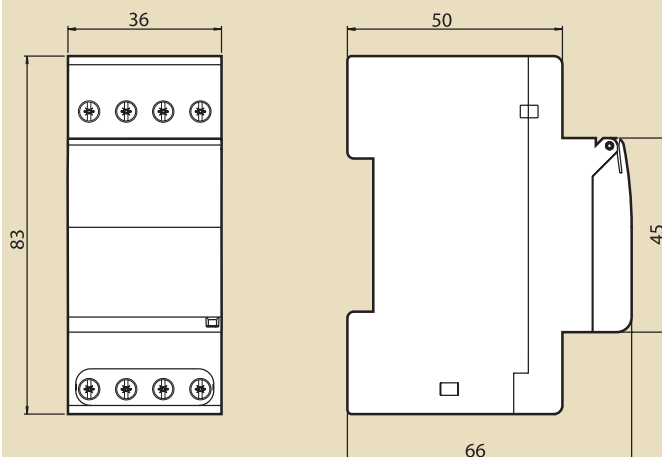
- OFF 08:15h Mon-Fri
OFF 20:15h Mon-Sun
OFF 15:15h Fri

- CH1
CH2
CH1+2

Wiring Diagram



Dimensions



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For pack quantity, please refer to numerical index pages

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