

Programmable Clocks

Coupling to a X-Meter or X-RWU Gold the function XM7 and the optional hardware XM15, programmable-clocks extension is activated. This function allows to switch on and switch off each of the four local outputs, according to a weekly criterion fully customizable, in order to solve all the possible requests in the various applicative sectors (commerce, industry, services, etc.).

It's possible to set and specify 12 profiles with 8 daily operations differentiated among weekdays, holidays, special days of the week. In addition to these repetitive periods, one can define up to special periods (to set with a start and an end-date), and 20 special days during whom the user can apply profile of his choice for each load. Special periods and days are applied only for the year in which they are defined, instead weekly rules can be managed forever. During special periods it's possible to define two particular modalities: always-on and always-off.

Also for this occurrence, besides the manual inserting of data, (as showed on the picture) an Excel application is available. This application allows the user to set intuitively various profiles for sending the configuration to X-Meter device.



Profile definition

Profile	Start	Change 1	Change 2	Change 3	Change 4	Change 5	Change 7	Change 8
Pr 01	off	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)
Pr 02	off	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)
Pr 03	off	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)
Pr 04	off	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)
Pr 05	off	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)
Pr 06	off	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)
Pr 07	off	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)
Pr 08	off	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)
Pr 09	off	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)
Pr 10	off	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)
Pr 11	off	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)
Pr 12	off	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)	00:00(off)	00:00(on)

Special periods

Period	Date	Date	Load 1	Load 2	Load 3	Load 4
Frame 1	14/09/2011	14/09/2011	Pr00	Pr00	Pr00	Pr00
Frame 2	14/09/2011	14/09/2011	Pr00	Pr00	Pr00	Pr00

Special days

Day	Date	Load 1	Load 2	Load 3	Load 4
Day 1	14/09/2011	Pr00	Pr00	Pr00	Pr00
Day 2	14/09/2011	Pr00	Pr00	Pr00	Pr00
Day 3	14/09/2011	Pr00	Pr00	Pr00	Pr00
Day 4	14/09/2011	Pr00	Pr00	Pr00	Pr00
Day 5	14/09/2011	Pr00	Pr00	Pr00	Pr00
Day 6	14/09/2011	Pr00	Pr00	Pr00	Pr00
Day 7	14/09/2011	Pr00	Pr00	Pr00	Pr00
Day 8	14/09/2011	Pr00	Pr00	Pr00	Pr00

Profile

Period	Load 1	Load 2	Load 3	Load 4
Sunday	Pr00	Pr00	Pr00	Pr00
Monday	Pr00	Pr00	Pr00	Pr00
Tuesday	Pr00	Pr00	Pr00	Pr00
Tuesday	Pr00	Pr00	Pr00	Pr00
Wednesday	Pr00	Pr00	Pr00	Pr00
Friday	Pr00	Pr00	Pr00	Pr00
Saturday	Pr00	Pr00	Pr00	Pr00

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A - Define profile daily

Profile	Status at 00:00	Change 1 at	Change 2 at	Change 3 at	Change 4 at	Change 5 at	Change 6 at	Change 7 at	Change 8 at
Pr001	off	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
Pr002	off	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
Pr003	off	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
Pr004	off	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
Pr005	off	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
Pr006	off	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
Pr007	off	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
Pr008	off	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
Pr009	off	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
Pr010	off	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
Pr011	off	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
Pr012	off	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00

B - Associate profiles with each day of the week

Day	Profile Output 1	Profile Output 2	Profile Output 3	Profile Output 4
Sunday	Pr00	Pr00	Pr00	Pr00
Monday	Pr00	Pr00	Pr00	Pr00
Tuesday	Pr00	Pr00	Pr00	Pr00
Wednesday	Pr00	Pr00	Pr00	Pr00
Thursday	Pr00	Pr00	Pr00	Pr00
Friday	Pr00	Pr00	Pr00	Pr00
Saturday	Pr00	Pr00	Pr00	Pr00

C - Define the profile for each output

By	At	Profile Output 1	Profile Output 2	Profile Output 3	Profile Output 4
1	00:00:00	Pr00001	Pr00001	Pr00001	Pr00001
2	00:00:00	Pr00001	Pr00001	Pr00001	Pr00001

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Profile Output 2	Profile Output 3	Profile Output 4
Pr00001	Pr00001	Pr00001
Pr00002	Pr00001	Pr00001
Pr00003	Pr00001	Pr00001
Pr00004	Pr00001	Pr00001
Pr00005	Pr00001	Pr00001
Pr00006	Pr00001	Pr00001
Pr00007	Pr00001	Pr00001
Pr00008	Pr00001	Pr00001
Pr00009	Pr00001	Pr00001
Pr00010	Pr00001	Pr00001

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Profile Output 1	Profile Output 2	Profile Output 3	Profile Output 4
Pr00001	Pr00001	Pr00001	Pr00001
Pr00002	Pr00001	Pr00001	Pr00001
Pr00003	Pr00001	Pr00001	Pr00001
Pr00004	Pr00001	Pr00001	Pr00001
Pr00005	Pr00001	Pr00001	Pr00001
Pr00006	Pr00001	Pr00001	Pr00001
Pr00007	Pr00001	Pr00001	Pr00001
Pr00008	Pr00001	Pr00001	Pr00001
Pr00009	Pr00001	Pr00001	Pr00001
Pr00010	Pr00001	Pr00001	Pr00001

Configurator for Excel profiles.

Programming window.