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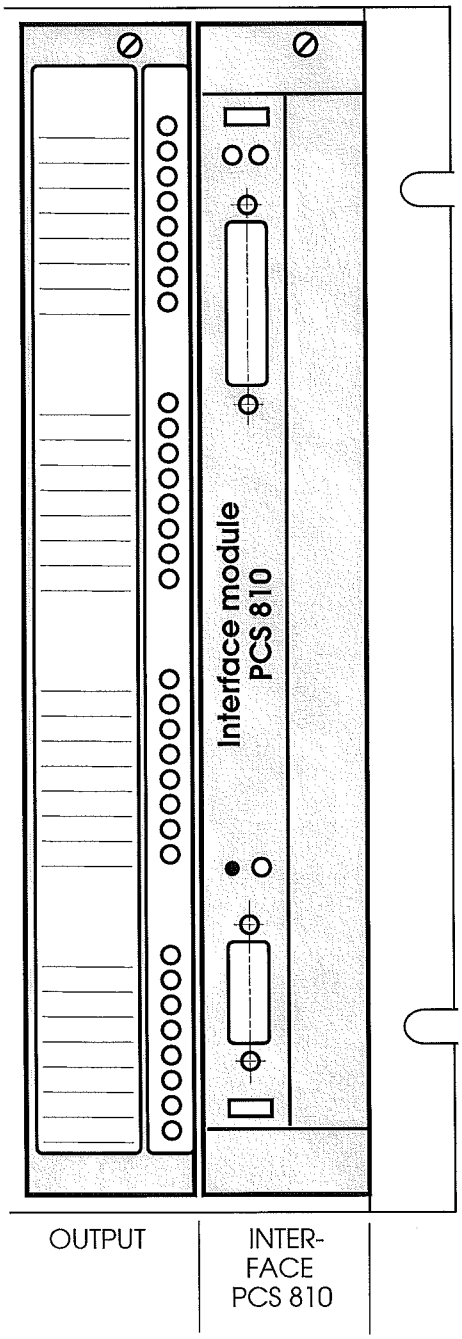
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Find the *Elektronik-Systeme Lauer PCS 810* at our website: *Click HERE*

PCS 810

Technical Manual

Product Group PCS



The initial address, at which the module can be operated by the automation unit, is set using DIL switches S1 and S2.
The address setting of the module is not dependent on the module location. The module can therefore be placed in any slot and the address, at which it is operated, depends on the setting of the DIL switches.
The modules may be set in **two** modes.

1. **Absolute address**
   The basic address can be set as desired within the entire address space of the automation unit, it must be divisible by 4 (without any remainder). It is assumed that the selected address range is not already occupied by RAM or other modules.

2. **Periphery address**
   The interface module may also be inserted in an expansion unit. To do so the EG switch on DIL switch S1 is to be set to the ON position. The module can then be addressed in the periphery range. However, only those addresses which do not run over the process diagram may be used in the periphery range, i.e. periphery bytes **PY0 - PY 127** cannot **be used!**
   If no IM module is used in the AG-115 the interface module can be used there and a module location saved by simulating the final plug using S1. If the interface module is used in this module location switch IM and EG on DIL switch S1 must be set to the ON position.

Important! If the module is **not used** on the IM module location, it is essential that switch IM on DIL switch S1 is set to OFF

Further information on the PCS 100 and PCS 810 is given in the manuals.

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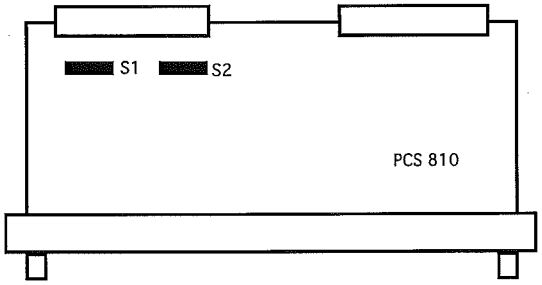
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PCS 810

Product Group PCS

EXAMPLES FOR ADDRESSING

Technical Manual

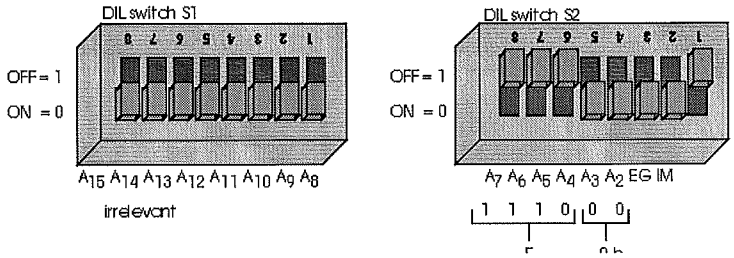


abs. Adr.	decimal	A_7	A_6	A_5	A_4	A_3	A_2
F080	PY128	1	0	0	0	0	0
F084	PY132	1	0	0	0	0	1
F088	PY136	1	0	0	0	1	0
F08C	PY140	1	0	0	0	1	1
F090	PY144	1	0	0	1	0	0
F094	PY148	1	0	0	1	0	1
F098	PY152	1	0	0	1	1	0
F09C	PY156	1	0	0	1	1	1
F0A0	PY160	1	0	1	0	0	0
F0A4	PY164	1	0	1	0	0	1
F0A8	PY168	1	0	1	0	1	0
F0AC	PY172	1	0	1	0	1	1
F0B0	PY176	1	0	1	1	1	1
F0B4	PY180	1	0	1	1	0	1
F0B8	PY184	1	0	1	1	1	0
F0BC	PY188	1	0	1	1	1	1
F0C0	PY192	1	1	0	0	0	0
F0C4	PY196	1	1	0	0	0	1
F0C8	PY200	1	1	0	0	1	0
F0CC	PY204	1	1	0	0	1	1
F0D0	PY208	1	1	0	1	0	0
F0D4	PY212	1	1	0	1	0	1
F0D8	PY216	1	1	0	1	1	0
F0DC	PY220	1	1	0	1	1	1
F0E0	PY224	1	1	1	0	0	0
F0E4	PY228	1	1	1	0	0	1
F0E8	PY232	1	1	1	0	1	0
F0EC	PY236	1	1	1	0	1	1
F0F0	PY240	1	1	1	1	0	0
F0F4	PY244	1	1	1	1	0	1
F0F8	PY248	1	1	1	1	1	0
F0FC	PY252	1	1	1	1	1	1

The following gives three examples for addressing. With the exception of switches EG and IM (DIL switch S1) the address is shown inversely (log. 1 = OFF, log. 0 = ON).

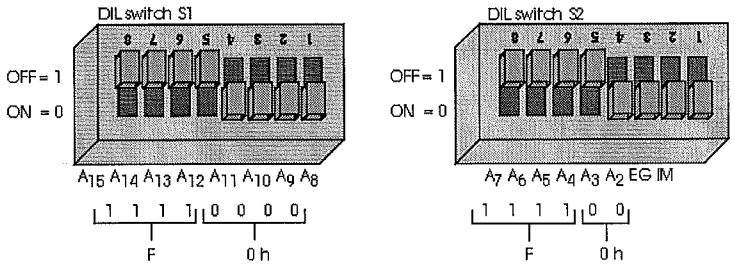
Example 1

The module is to be inserted in the expansion unit EG-185U and operated under the initial address F0E0h = PY224.



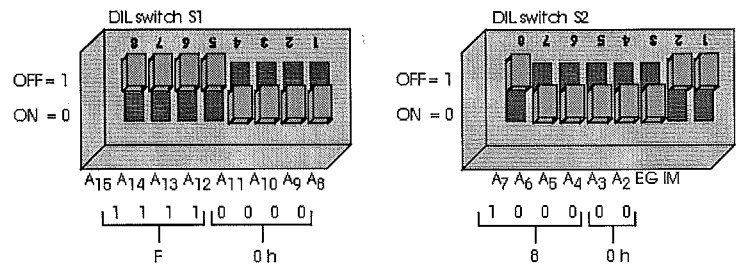
Example 2

The module is to be inserted in the central unit of the AG-115U on the IM slot and operated under the initial address F0F0h = PY240.



Example 3

The module is to be inserted in the central unit of the AG-115U and operated under the initial address F080h = PY128.



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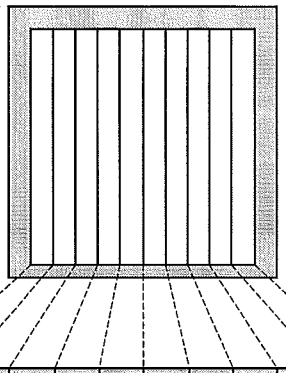
LOCATION FOR THE INTERFACE MODULE PCS 810

PCS 810

3

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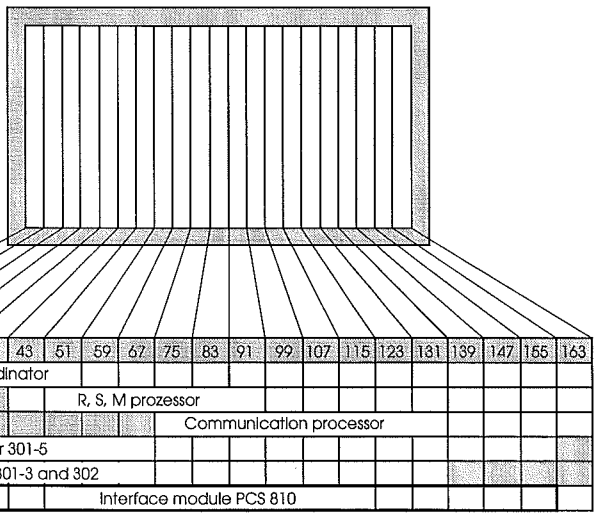
Product Group PCS



Module locations	PS	CPU	0	1	2	3	4	5	6	IM
Power supply module										
Central module										
Interface module PCS 810			PCS 810							

Can only be occupied by sub-racks with triple row spring strips (eg. CR 700-2)

Module locations in the AG-115U



Module locations in the AG-135U

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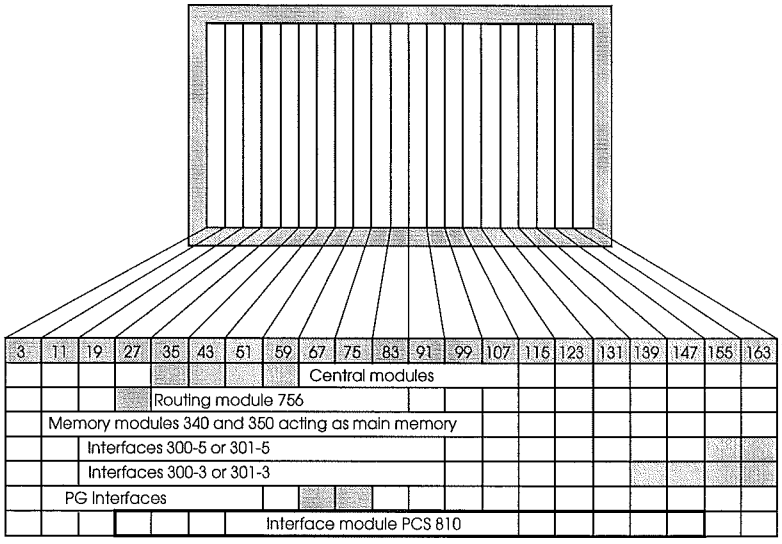
PCS 810

LOCATION FOR THE INTERFACE MODULE PCS 810

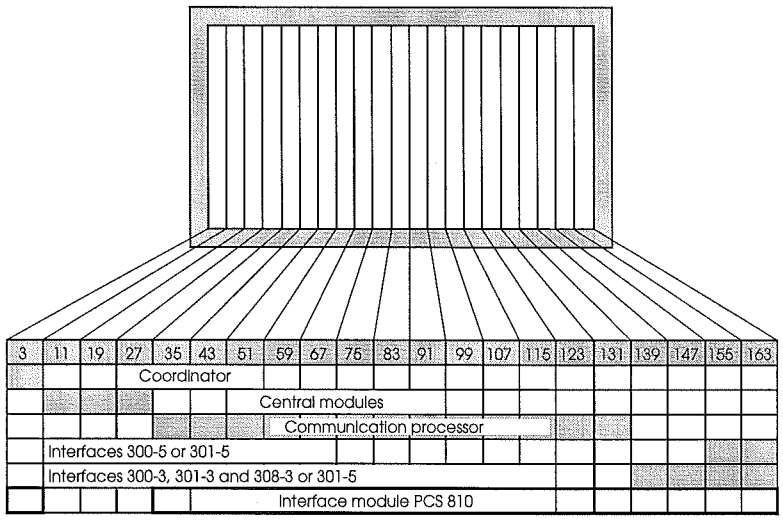
Product Group PCS

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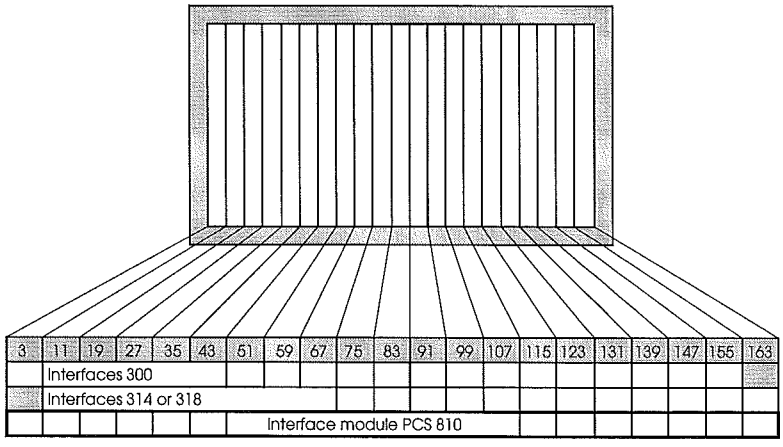
Module locations in the AG-150U



Module locations in the AG-155U



Module locations in the EG-185U



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