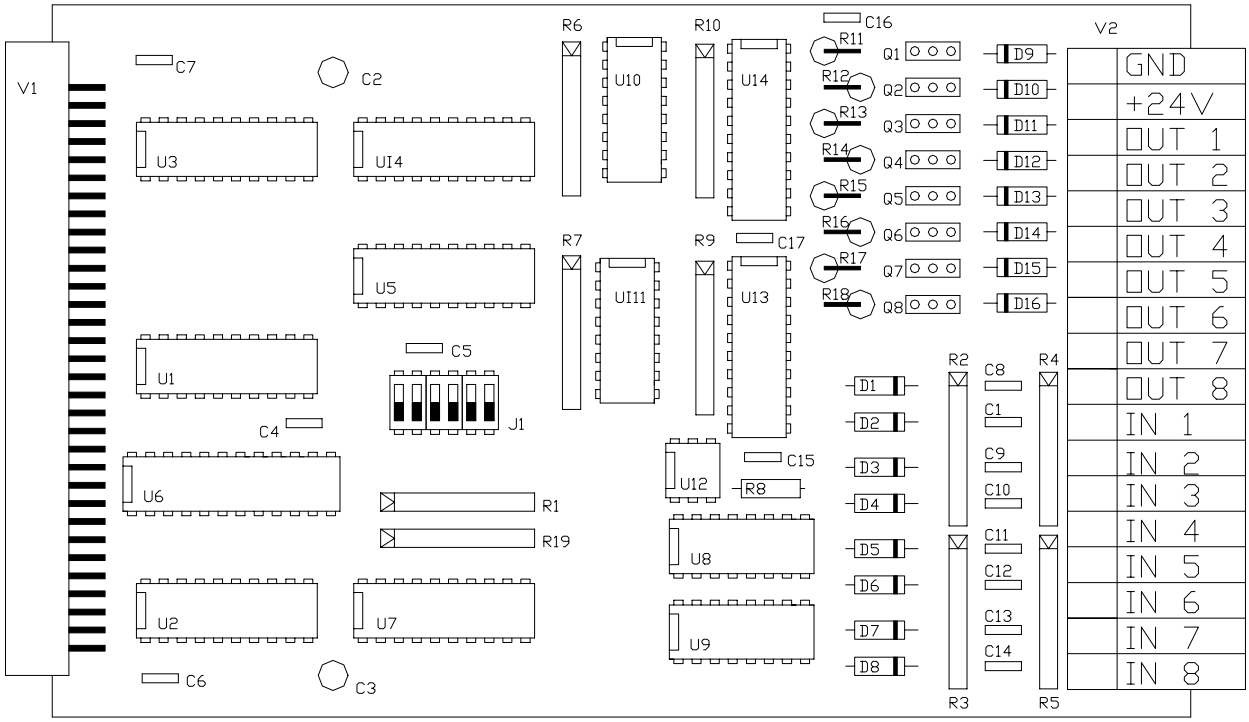
Input / Output Board IO16



Features for I/O Board

- Euro-board 160 x 100 mm, Eurobus connection with 64 pin connector
- 16 Inputs 24V, 10 mA, optically isolated, negative polarity protected, with noise filters
- 16 Outputs 24V, 1A, CMOS highside power switches, optically isolated, overload protected, short cicuit protected, thermal shutdown, overvoltage and undervoltage shutdown with restart, fast driving of inductive loads, inductive and overvoltage output clamp, ESD protection
- Base address setting by jumper

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Pin assignment for I/O Board IO16

2 x 18 pin Female Screw connector, Front view

Digital output 16	*Q16*	**18**	⊙		⊙	**18**	*I16*	Digital input 16
Digital output 15	*Q15*	**17**	⊙		⊙	**17**	*I15*	Digital input 15
Digital output 14	*Q14*	**16**	⊙		⊙	**16**	*I14*	Digital input 14
Digital output 13	*Q13*	**15**	⊙		⊙	**15**	*I13*	Digital input 13
Digital output 12	*Q12*	**14**	⊙		⊙	**14**	*I12*	Digital input 12
Digital output 11	*Q11*	**13**	⊙		⊙	**13**	*I11*	Digital input 11
Digital output 10	*Q10*	**12**	⊙		⊙	**12**	*I10*	Digital input 10
Digital output 09	*Q09*	**11**	⊙		⊙	**11**	*I09*	Digital input 09
Digital output 08	*Q08*	**10**	⊙		⊙	**10**	*I08*	Digital input 08
Digital output 07	*Q07*	**09**	⊙		⊙	**09**	*I07*	Digital input 07
Digital output 06	*Q06*	**08**	⊙		⊙	**08**	*I06*	Digital input 06
Digital output 05	*Q05*	**07**	⊙		⊙	**07**	*I05*	Digital input 05
Digital output 04	*Q04*	**06**	⊙		⊙	**06**	*I04*	Digital input 04
Digital output 03	*Q03*	**05**	⊙		⊙	**05**	*I03*	Digital input 03
Digital output 02	*Q02*	**04**	⊙		⊙	**04**	*I02*	Digital input 02
Digital output 01	*Q01*	**03**	⊙		⊙	**03**	*I01*	Digital input 01
Power supply +24V	*+24V*	**02**	⊙		⊙	**02**	*+24V*	Power supply +24V
Ground (return for 24V)	*G24*	**01**	⊙		⊙	**01**	*G24*	Ground (return for 24V)

Front panel grip

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S3	On	On	On	On	Off	Off	Off	Off
S2	On	On	Off	Off	On	On	Off	Off
S1	On	Off	On	Off	On	Off	On	Off
Input	900180	900182	900184	900186	900188	90018A	90018C	90018E
Output	9001C0	9001C2	9001C4	9001C6	9001C8	9001CA	9001CC	9001CE

S3	S2	S1	Inputs	Outputs
On	On	On	900180	9001C0
On	On	Off	900182	9001C2
On	Off	On	900184	9001C4
On	Off	Off	900186	9001C6
Off	On	On	900188	9001C8
Off	On	Off	90018A	9001CA
Off	Off	On	90018C	9001CC
Off	Off	Off	90018E	9001CE

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