

MA5I20 I/O MODULE RELAY

4 digital inputs, 4 digital relay outputs

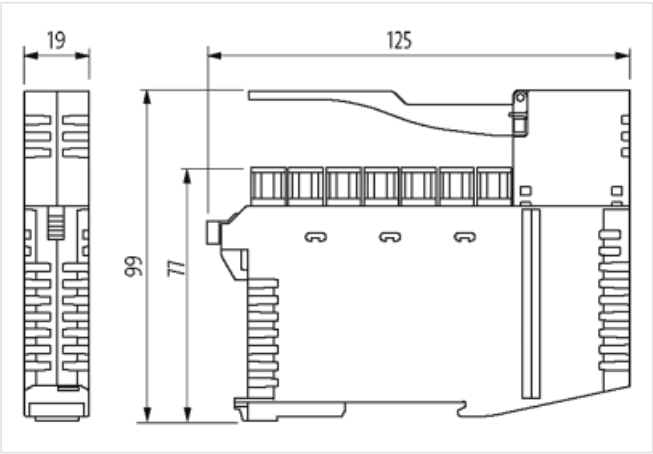
Digital inputs/relay outputs
DI4 - 0.15 A DO4R - 2 A (AB)
AB-Slave
Protection IP20
Current manuals can be downloaded at: www.murrelektronik.com

Link to Product

Illustration



Product may differ from Image



Commercial data

ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-8.0	27242604
ECLASS-9.0	27242604
ECLASS-10.1	27242604
ECLASS-11.1	27242604
ECLASS-12.0	27242604
ETIM-5.0	EC001599
customs tariff number	85176200
GTIN	4048879705622
Packaging unit	1

Electrical data | Supply

Operating voltage external DC min.	12 V
Operating voltage external DC max.	30 V
Bus voltage AS-Interface DC min.	26,5 V
Bus voltage AS-Interface DC max.	31,6 V
Current consumption AS-i port max.	230 mA
Total current max.	8 A
module supply	Via system connection or by additional feed-in

Electrical data Input	
Overload resistant	yes
Short-circuit protected	yes
Type input	PNP, for 3-wire sensors or mechanical switches
Input current max.	5,6 mA
Current carrying capacity max.	0,15 A
Electrical data Output	
Output voltage AC	250 V
Output voltage DC	30 V
Output current per pin max.	2 A
Industrial communication Bus data	
Address setting type	Addressing socket, Master
Slave address range	(0), 1 A...31 A, 1 B...31 B
Industrial communication AS-Interface	
Profile (IO.ID.ID2)	S-7.A.7
Diagnostics	
Diagnostic	No voltage
Diagnostic via LED	per module
LED display	Ethernet connection/data traffic
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP20
Mechanical data Mounting data	
Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	125 mm
Width	19 mm
Depth	99 mm
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	70 °C
Storage temperature min.	-25 °C
Storage temperature max.	85 °C
Connection type 2	
Connection type 1	Asi Bus
Connection type 2	I / O
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	yellow
No. of poles	4
PIN 25	AS-i +
PIN 26	AS-i +
PIN 27	AS-i -
PIN 28	AS-i -
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	black
No. of poles	24
PIN 1	I 1
PIN 2	I 2

PIN 3	I 3
PIN 4	I 4
PIN 5	I -
PIN 6	I -
PIN 7	I -
PIN 8	I -
PIN 9	I +
PIN 10	I +
PIN 11	I +
PIN 12	I +
PIN 15	O 13
PIN 16	O 14
PIN 17	O 23
PIN 18	O 24
PIN 19	O 33
PIN 20	O 34
PIN 21	O 43
PIN 22	O 44