

DEMAGNETIZER WITH ALARM CONTACT

Input: 24VDC Output: 24VDC / 1,5A

INPUT: 24 V DC

OUTPUT: 24 V DC

max. 1.5 A (short-circuit protected)

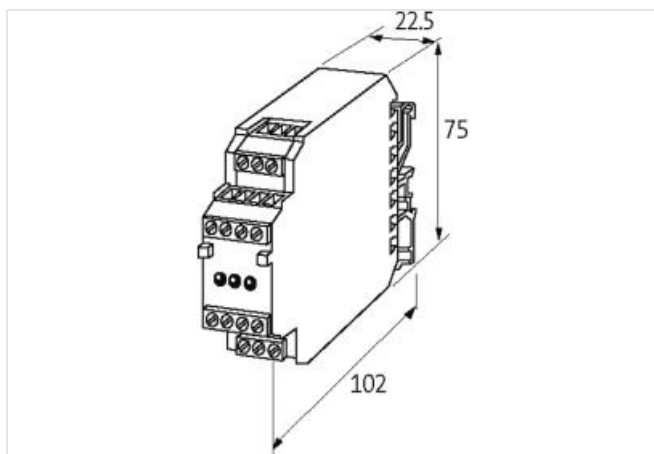
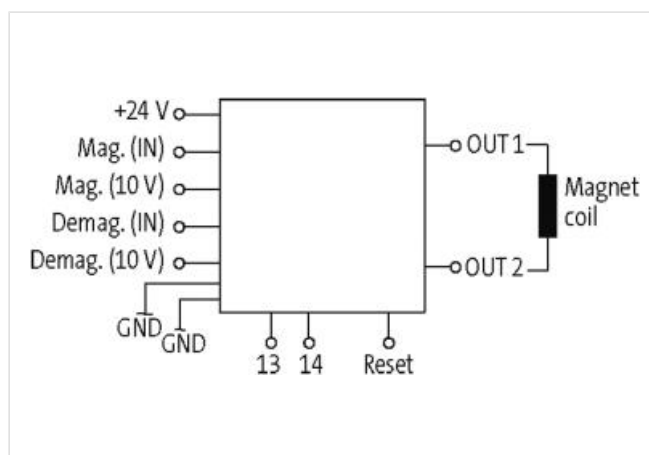
Screw terminals

potential free 30 V AC/DC, 100 mA

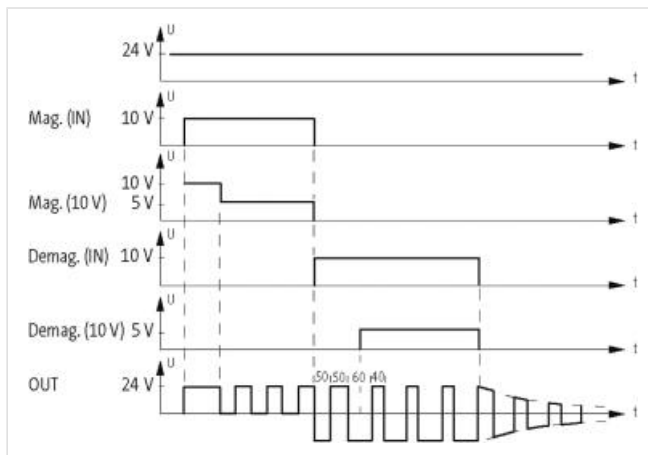
If the previous model 446140 is replaced by 446142, the Reset-Input must be connected to +24 V DC

[Link a termékhez](#)

Ábrák



Szimbolikus ábra



Commercial data

ECLASS-6.0	27210990
ECLASS-6.1	27379090
ECLASS-7.0	27379090
ECLASS-8.0	27379090

ECLASS-9.0	27379090
ECLASS-10.1	27379090
ECLASS-11.1	27379090
ECLASS-12.0	27379090
ETIM-5.0	EC001504
customs tariff number	85437090
GTIN	4048879308496
Packaging unit	1

Electrical data | Supply

Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating current max.	40 mA

Electrical data | Input

Resistance input min.	10 kΩ
Demagnetization analog input	0 ... 10 V (44 ... 55 %) PWM
Demagnetization digital input	safe OFF: max. 1 V, safe ON: min. 5 V (LED yellow)
Magnetization analog input	0.8 ... 8.8 V (0 ... 100 %) PWM
Magnetization digital input	safe OFF: max. 1 V, safe ON: min. 5 V (LED green)

Electrical data | Output

Output voltage DC	24 V
Output voltage adjustable	no
Output current max.	1,5 A
PWM frequency	800 Hz

Diagnostics

Alarm contact triggers @	30 V AC/DC max. 0.1 A
Alarm contact potential free	yes
Status indication LED	green

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
Invers-polarity protection	yes
Short-circuit protected	yes

Mechanical data | Mounting data

Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	75 mm
Width	22,5 mm
Depth	102 mm

Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	50 °C
Storage temperature min.	-40 °C
Storage temperature max.	80 °C

Connection type 4

Connection type 1	X2
Connection type 2	X2
Connection type 3	X3
Connection type 4	X4
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female

No. of poles	3
PIN 1	Reset
PIN 2	13
PIN 3	14
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
No. of poles	3
PIN 1	AIM
PIN 2	AID
PIN 3	0 V
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
No. of poles	4
PIN 1	Out 2
PIN 2	Out 2
PIN 3	Out 1
PIN 4	Out 1
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
No. of poles	4
PIN 1	DIM
PIN 2	DID
PIN 3	0 V
PIN 4	24 V DC