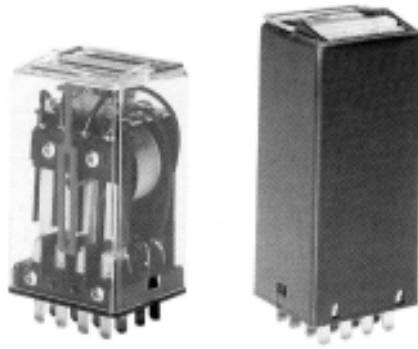


Relè di grandi prestazioni molto affidabile.
Idoneo agli impieghi nelle stazioni elettriche a.t. -
cabine m.t. - sottostazioni elettriche quale relè di
comando, segnalazione o interfacciamento.

*Very reliable with high switching capability.
It is used in electrical distribution substations
for control, signaling, connecting or transfer
functions.*



**Relè tutto o niente
monostabile veloce**

**All or nothing monostable
relay fast operation**

linea G - line G



Funzionamento:

in corrente continua

Isolamento:

a frequenza industriale e ad impulso
(vds. tabella al retro)

Contatti:

- RGMV12: 4 di scambio da 10 A nominali
- RGMV13: 4 N.C. da 10 A nominali

Servizio:

- continuo
- durata meccanica: 20x10⁶ manovre

Esecuzione:

protetta con calotta trasparente od opaca nera
(grado di protezione IP.40 - EN 60529)
ed impugnatura per estrazione

Resistenza al fuoco:

secondo EN 60695-2-1

Raccordi:

ad innesto faston

Ambiente:

temperatura di impiego -25°C +55°C
temperatura di magazz. e trasp. -25°C +70°C

Interdizione:

a richiesta con spine

Portacartellino:

trasparente per cartellino da 6 x 32 x 0,5 mm

Massa:

gr. 320 (circa) RGMV12
gr. 270 (circa) RGMV13

Volume:

cm³ 260 (circa) RGMV12
cm³ 190 (circa) RGMV13

Normativa di riferimento:

EN 60255

Montaggio con prese per:

profilato DIN: PAVG161 - PAVG168
pannello: PRGG161 - PRDG161 - PRVG161

Coil input voltage:

designed for DC voltage

Insulation:

nominal frequency voltage test and impulse
voltage test (see rear table)

Contacts:

- RGMV12: 4 changeover 10 A rated contacts
- RGMV13: 4 N.C. 10 A rated contact

Working class:

- continuous
- mechanical life: 20x10⁶ operations

Protection:

enclosed in a transparent or black dustcover
(degree of protection IP.40 - EN 60529)
provided with extraction handle

Resistance to fire:

ref. EN 60695-2-1

Base:

quick connect faston type terminals
for plug-in sockets and coupling plug

Temperature:

operative temp. -25°C +55°C (-13°F +131°F)
storage temp. -25°C +70°C (-13°F +158°F)

Error proof pin:

on request

Label-holder:

transparent for label up to 6 x 32 x 0,5 mm

Weight:

gr. 320 (11,28 ounces av) RGMV12
gr. 270 (9,52 ounces av) RGMV13

Volume:

cm³ 260 (15,87 cu in) RGMV12
cm³ 190 (11,59 cu in) RGMV13

Reference standard:

EN 60255

Mounting with sockets for:

DIN rail: PAVG161 - PAVG168
flush-mounted: PRGG161 - PRGD161 -
PRVG161

Guida alla scelta

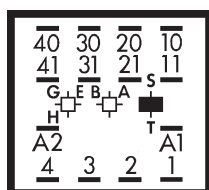
Tipo RGMV1x

x = 2 4 contatti di scambio
x = 3 4 contatti N.C.

Selection guide

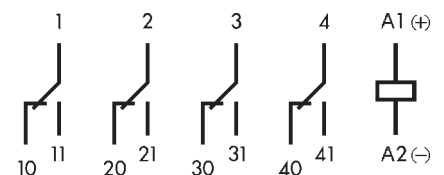
Cat. No RGMV1x

x = 2 4 changeover contacts
x = 3 4 N.C. contacts

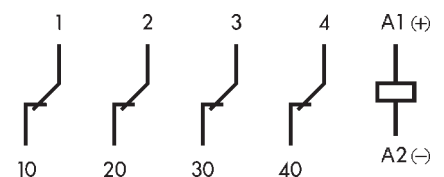


Zoccolo G a 16 innesti
16 pins base (rear view)

schema
wiring-diagram
RGMV12



schema
wiring-diagram
RGMV13



Funzionamento - *Electrical data*

Alimentazione bobina <i>Coil voltage data</i>			Consumo (circa) <i>Power (about)</i>		Campo di lavoro <i>Operating range</i>	Classe di lavoro <i>Working class</i>
max V Tens c.c./DC	max V Tens c.a./AC		W c.c./DC	V c.a./AC	Un	
	50 Hz	60 Hz				
220	---	---	4	---	80÷110%	C

Isolamento - *Insulation data*

	Resistenza di isolamento <i>Insulation resistance</i>	Tensione di tenuta a frequenza industriale <i>Rated frequency voltage test</i>		Tensione di tenuta ad impulso <i>Impulse voltage test</i>
	al to 500V c.c./DC Mohm	per/for 1 min. KV	per/for 1 sec. KV	1,2/50µs 0,5J KV
Tra i circuiti elettricamente indipendenti e tra questi e massa <i>Between electrically independent circuits and between those and the frame</i>	>10000	2	2,2	5

Contatti - *Contact data*

Quantità n° <i>Number</i>	Tipo relè <i>Cat. no</i>	Tipo contatto <i>Type</i>	Portata A/ <i>Rated current A</i> continua / <i>continuous</i> ❖	Capacità di interruzione <i>Breaking capacity</i>
4	RGMV12	Scambio / <i>Changeover</i>	10	0.3 A - 110 V c.c./DC - L/R 40 ms
4	RGMV13	N.C.		100.000 man. - 1.800 man/h - 50%

❖ = su tutti i contatti contemporaneamente: 30% di riduzione / *on all contacts contemporaneously: 30% reduction*

Tempi di commutazione Un/*Operating and release time at Un*

Temperatura ambiente : 20 °C/*Ambient temperature 20 °C (68 °F)*

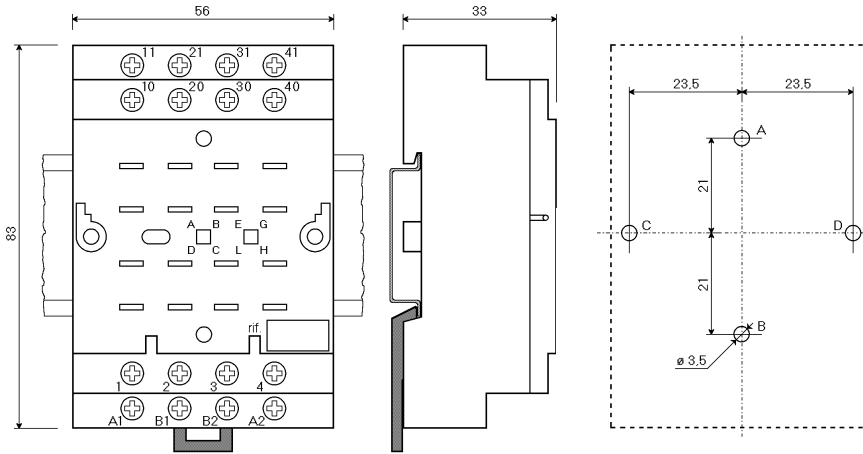
			Millisecondi / <i>Milliseconds</i>	
			RGMV12 c.c./DC	RGMV13 c.c./DC
Attrazione/ <i>Operate</i>	chiusura/ <i>closing</i>	Lavoro/ <i>N.O.</i>	≤ 8	---
Ricaduta/ <i>Release</i>	chiusura/ <i>closing</i>	Riposo/ <i>N.C.</i>	≤ 45	≤ 8

Prese / Sockets

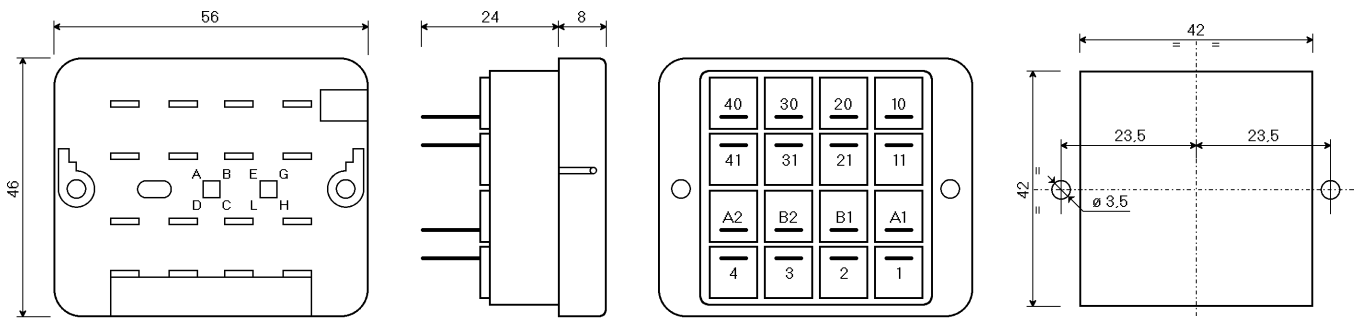
linea G / line G

PAVG161 per profilato DIN o piastra / *for Din rail or plate mounting*

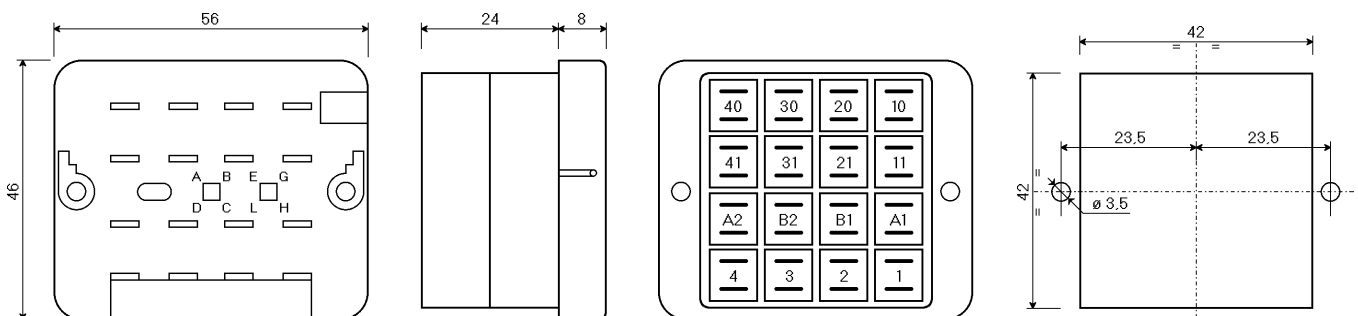
PAVG168 con viteria inox / *with screws inox*



PRGG161 per montaggio a pannello con terminali faston semplice / *for flush-mounted with faston terminals*



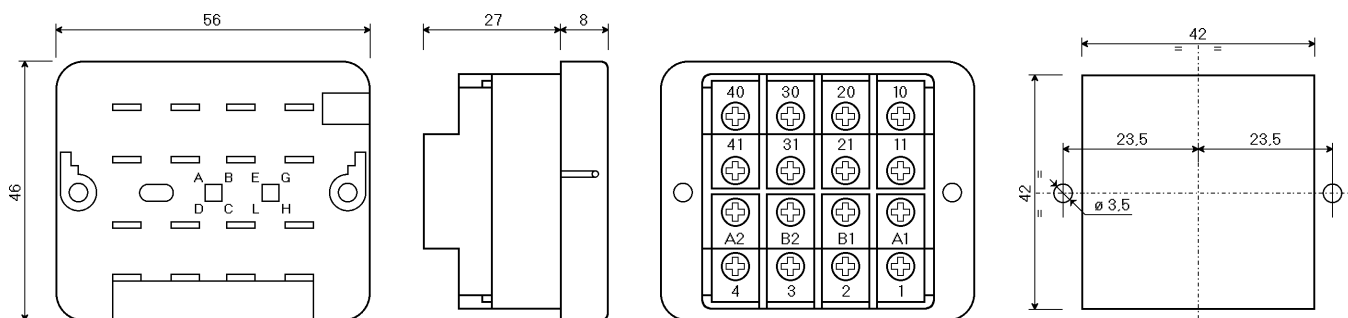
PRDG161 per montaggio a pannello con terminali doppio faston / *for flush-mounted with double faston terminals*



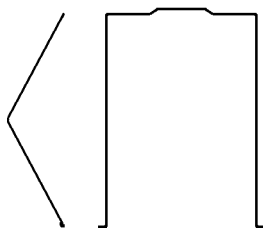
Prese / Sockets

linea G / line G

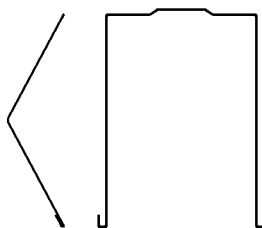
PRVG161 per montaggio a pannello con terminali a vite / *for flush-mounted with screws terminals*



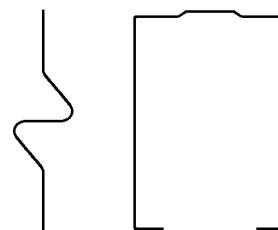
Molle / Spring



tipo / Cat. No : VM12xx



tipo / Cat. No : VM14xx



tipo / Cat. No : VM18xx

tipo / Cat. No : VM12xx per linea G / *for line G*

xx = 21 molla per relè di dimensione 1/ spring for relay with dimension 1

xx = 22 molla per relè di dimensione 2/ spring for relay with dimension 2

tipo / Cat. No : VM14xx per linea A e B / *for line A and B*

xx = 21 molla per relè di dimensione 1/ spring for relay with dimension 1

xx = 22 molla per relè di dimensione 3/ spring for relay with dimension 3

xx = 23 molla per relè di dimensione 2/ spring for relay with dimension 2

tipo / Cat. No : VM18xx per linea C e D / *for line C and D*

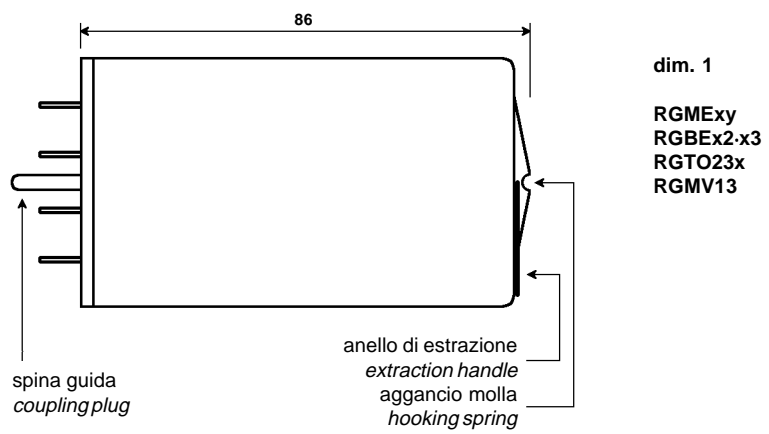
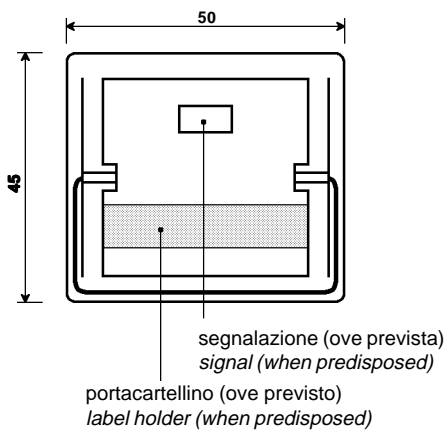
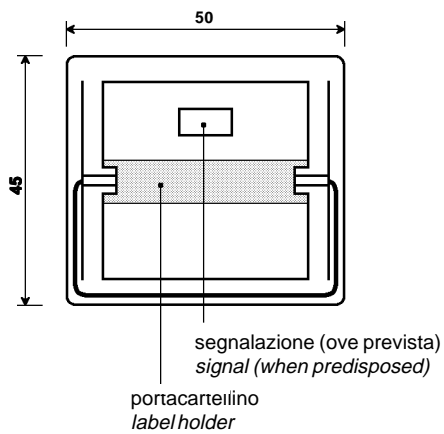
xx = 21 molla per relè di dimensione 1/ spring for relay with dimension 1

xx = 22 molla per relè di dimensione 2/ spring for relay with dimension 2

xx = 23 molla per relè di dimensione 3/ spring for relay with dimension 3

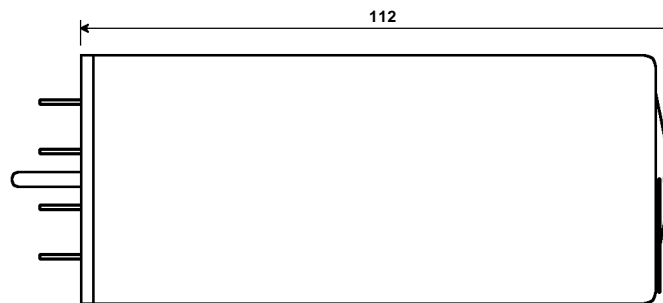
Dimensioni / Dimensions

linea G / line G



dim. 1

RGME_{xy}
RGBEx2-x3
RGTO23x
RGMV13



dim. 2

RGLE13 - RGBEx4 - RGRE12
RGTE_{xx} - RGMV12

