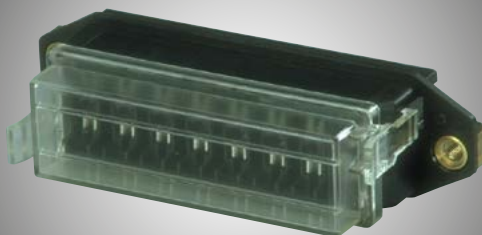
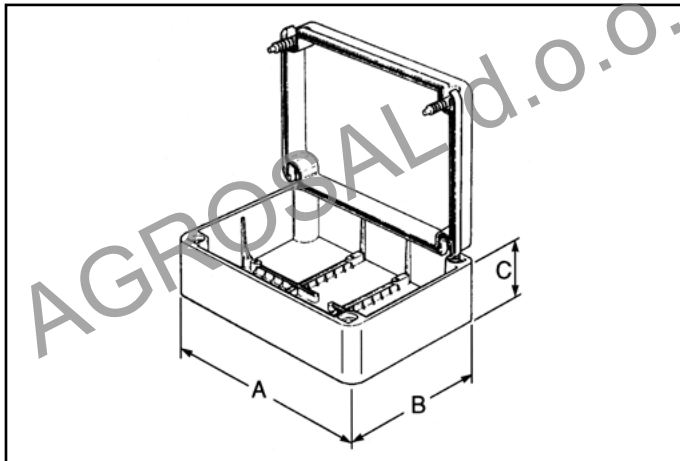


Fusibili cruscotti e relays,  
centraline preriscaldamento

Fuses, Dashboards & Relays,  
Pre-heating device



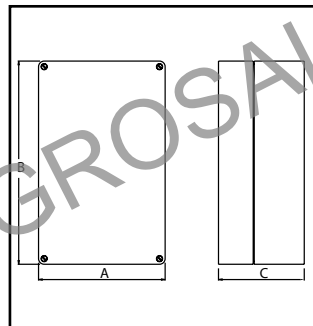
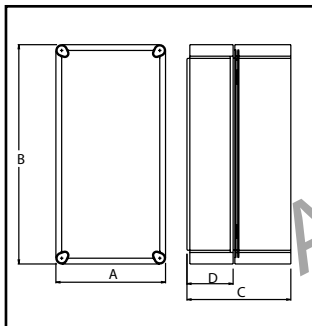


## D29002



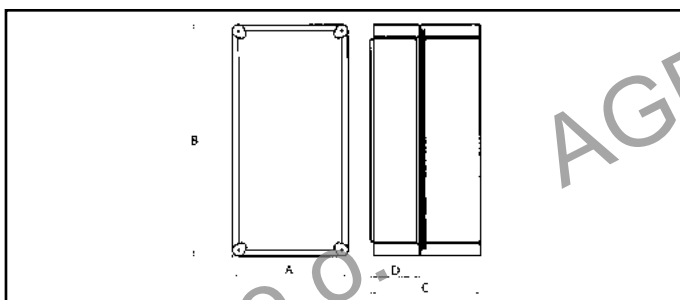
Codice Code	A (mm)	B (mm)	C (mm)
D29002	120	80	50
D39022	300	220	120
D39023	240	190	100
D39025	150	110	70
D29026	190	140	70

Grado di protezione IP56 / Protection IP 65  
Colore grigio Ral 7035 / Ral 7035 grey colour



Codice Code	Descrizione Description	A (mm)	B (mm)	C (mm)	D (mm) Coperchio / Cover
D39056	Fondo cassetta Box without cover	190	380	180	-
D38956.1	Coperchio per D39056 Cover for D39056	190	380	180	80

Grado di protezione IP56 / Protection IP 65 - Campo di tenuta -40°C+80°C / Seal -40°C+80°C - Materiale ABS / ABS material  
Resistenza agli urti IK07 / Resistance to any clash IK07 - Infiammabilità UL 94 HB / Inflammability UL 94 HB - Colore grigio Ral 7035 / Ral 7035 grey colour



Codice Code	Descrizione Description	A (mm)	B (mm)	C (mm)
D39082	Cassetta con coperchio Box with cover	250	255	161
D39084	Cassetta con coperchio Box with cover	250	400	161
D39085	Cassetta con coperchio Box with cover	120	220	91

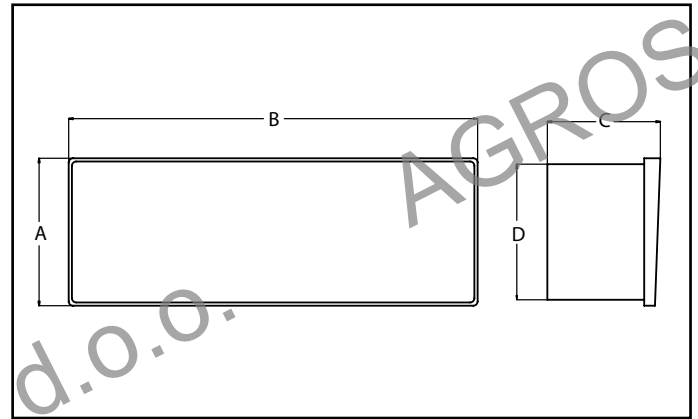
Codice Code	Descrizione Description	A (mm)	B (mm)	C (mm)
D39091	Cassetta con coperchio Box with cover	160	160	91
D39093	Cassetta con coperchio Box with cover	160	260	91
D39094	Cassetta con coperchio Box with cover	120	122	91

Grado di protezione IP68 secondo EN60529 / Protection IP65 according to EN60529 - Campo di tenuta -40°C+130°C / Seal -40°C+130°C - Materiale poliestere rinforzato con fibra di vetro / Polyester material supported with fiber glass / Resistenza agli urti 7 Nm / Resistance to any clash 7 Nm - Infiammabilità UL 94 V-0 / Inflammability UL 94 V-0 - Colore grigio naturale Ral 7001 / Ral 7001 natural grey colour

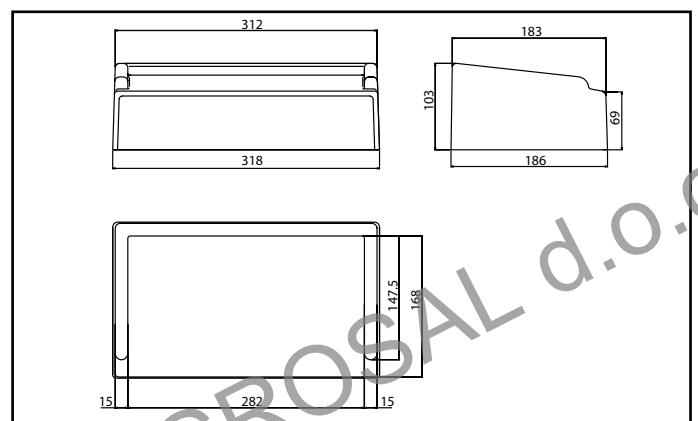
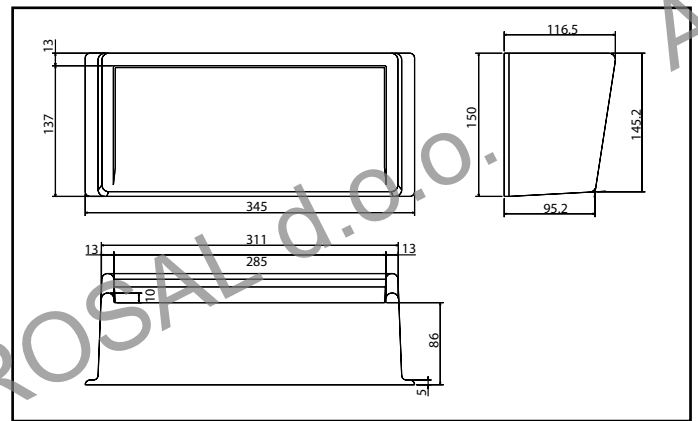
## Cruscotti in ABS termoformato con frontale variabile a disegno cliente.

Vacuum formed ABS panels, to be equipped as per customer design.  
Tableau da bord en ABS thermformage avec frontal variable a desin da client.

Tiefgezogenes -absarmaturenbrett, nach wunsch des kunden ausrüstbar



Codice Code	A (mm)	B (mm)	C (mm)	D (mm)
C06007	137	380	105	126
C06005	140	280	100	129

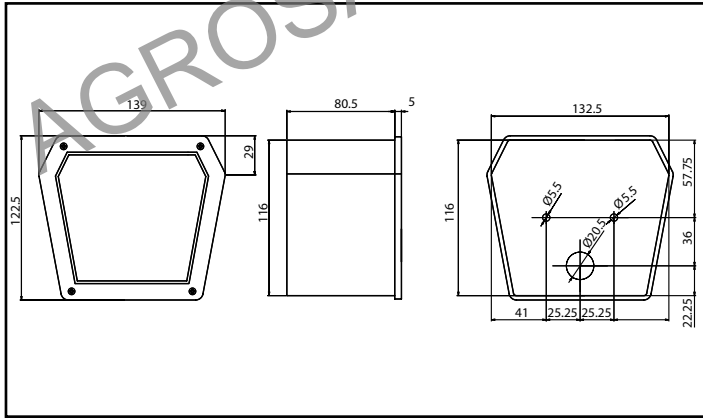


## Cruscotti completi di strumentazione senza cablaggio

Complete dashboards with electrical components and instrumentation, without wiring loom

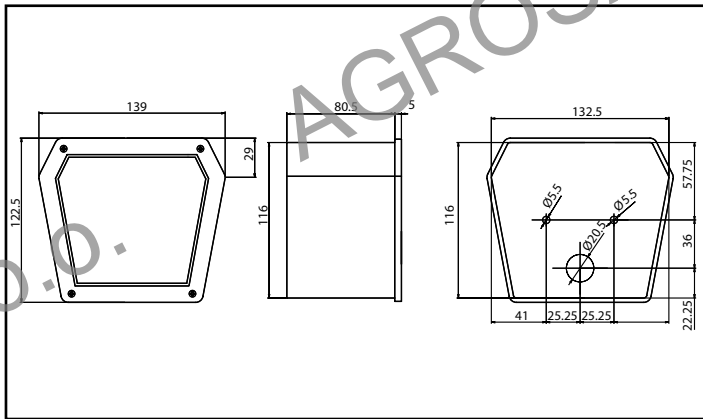
Tableaux de bord avec instruments et composants sans faisceau

Fertige Armeturenkasten ohne Kabelbaum



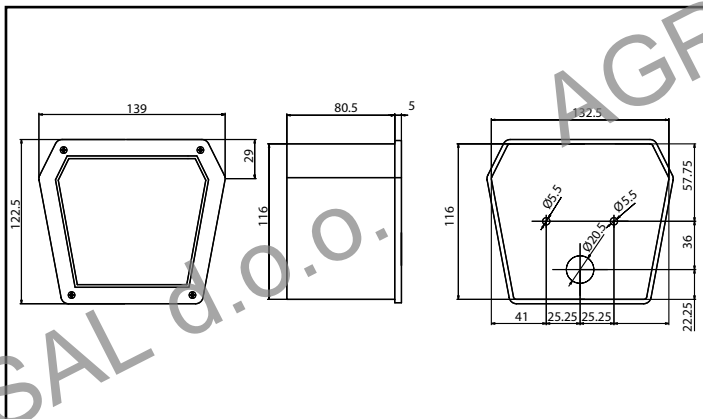
**IME.018**

12V



**IME.019**

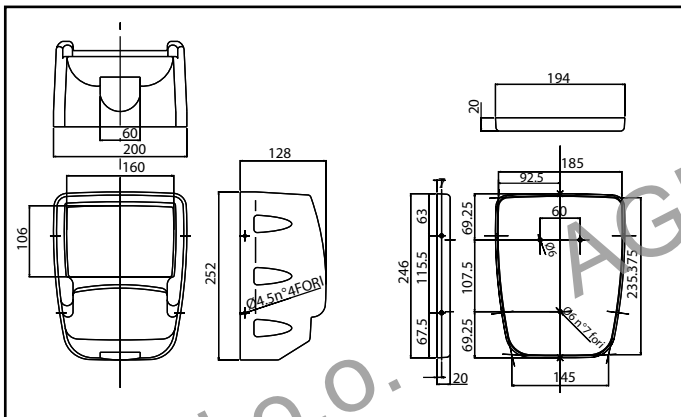
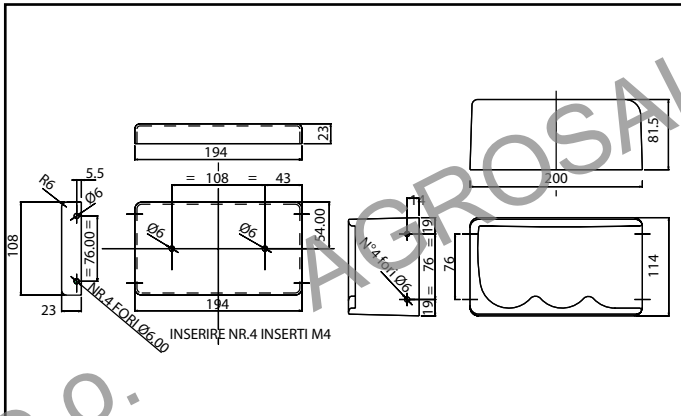
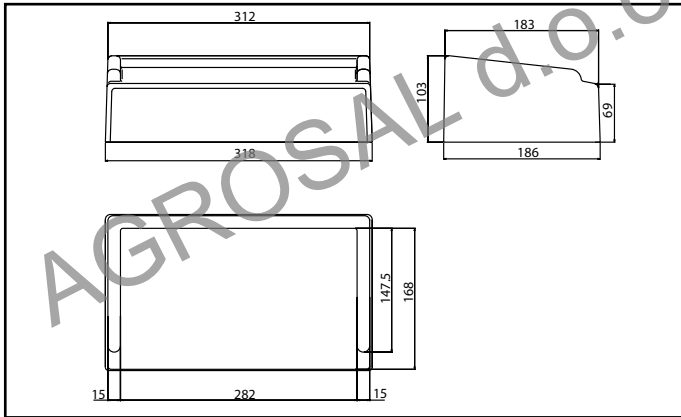
12V

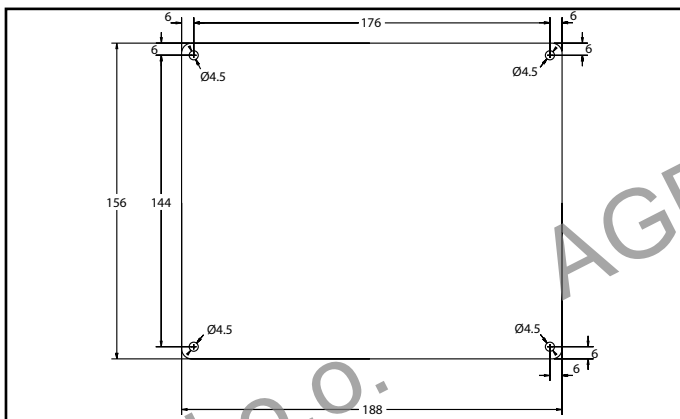
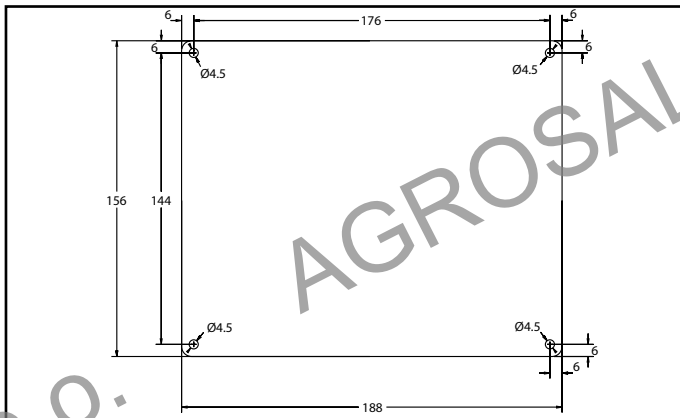
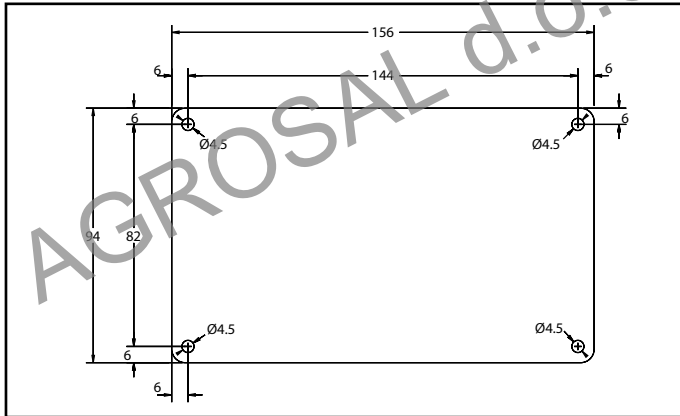


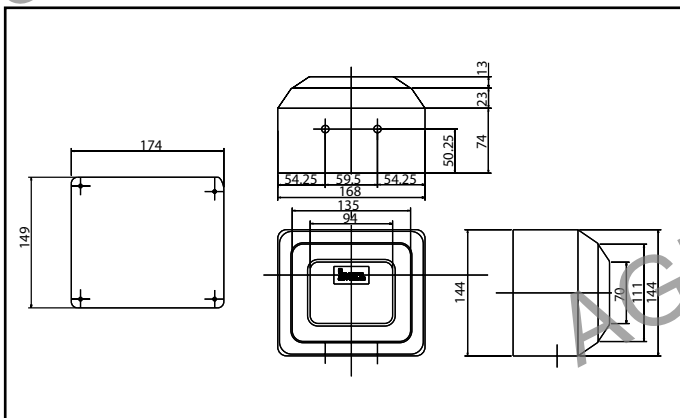
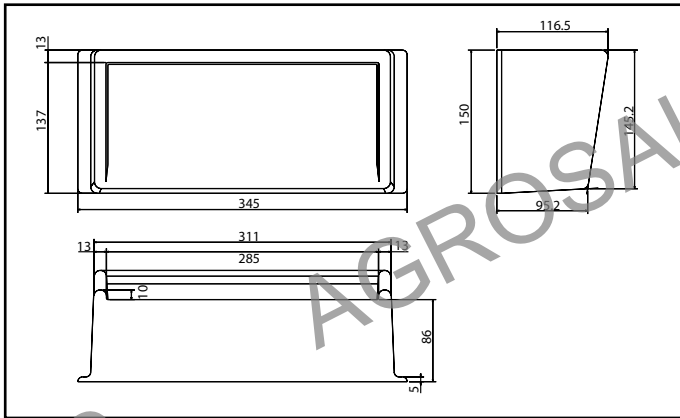
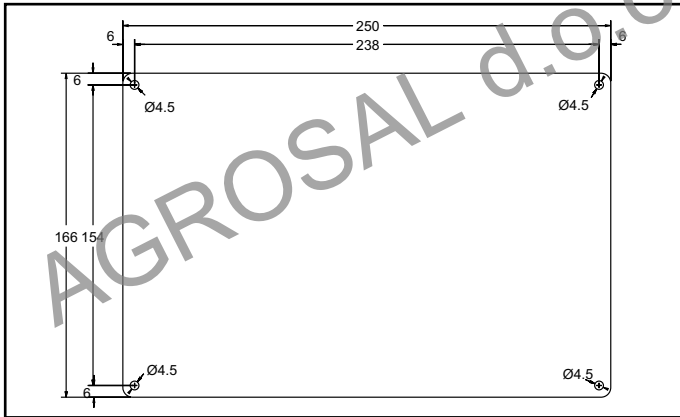
**IME.020**

12V









**Possibilità di inserimento del logo per ordini minimi di 25 pezzi**

It is possible to insert the customer logo, on the basis of a minimum order of 25 pcs.

Pour commandes de 25 pièces par type, ces tableaux peuvent être fabriqués à votre marque.

Man kann bei Aufträgen von mindestens 25 St. das Firmenlogo einfügen.

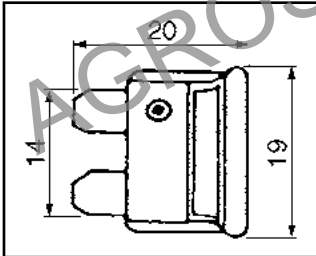
## Fusibili a lamella

Blade fuses

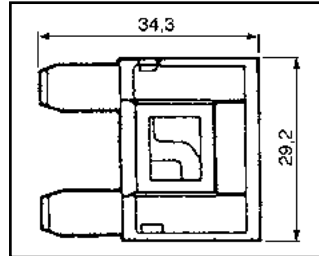
Fusibles a lamelle

Glatte schmelzsicherungen

Posizione A



Posizione B



Tipo normale - Posizione A

Tipo maxi - Posizione B

Diodi - Posizione A

Codice	Amp
F17181	1 A
F17169	2 A
F17002	3 A
F17003	4 A
F17004	5 A
F17005	7,5 A
F17006	10 A
F17007	15 A
F17008	20 A
F17009	25 A
F17010	30 A
F17074	40 A

Codice	Amp
F17145	20 A
F17146	30 A
F17147	40 A
F17148	50 A
F17149	60 A
F17150	70 A
F17151	80 A

Codice	Amp
F17104	1 A
F17185	3 A

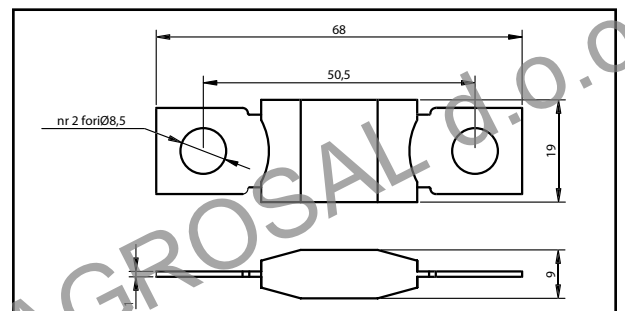
## Fusibili tipo mega

Fuses type mega

Fusibles type mega

Sicherungen typ mega

Codice	Amp
F17105	100 A
F17106	125 A
F17107	150 A
F17109	175 A
F17110	200 A
F17111	225 A
F17112	250 A
F17153	300 A





# FUSIBILI E PORTAFUSIBILI

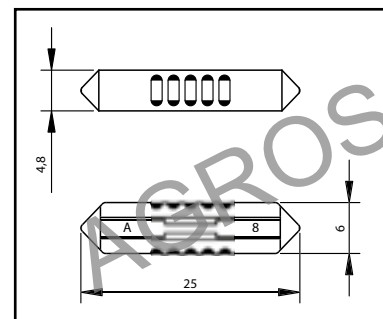
FUSES AND FUSEBOX - FUSIBLES ET PORTE - FUSIBLE



## Fusibili a siluro

Fuses  
Fusibles  
Schmelzsicherungen

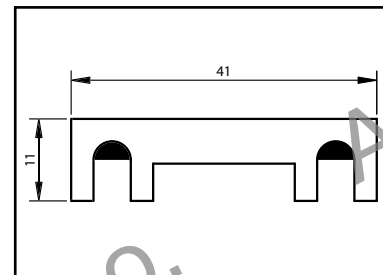
Codice	Amp
F17011	5 A
F17012	8 A
F17013	10 A
F17014	15 A
F17015	16 A
F17016	25 A
F17017	40 A



## Fusibili a nastro

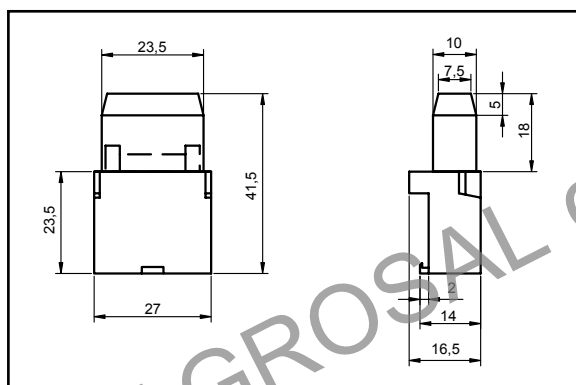
Strip fuses  
Fusibles à ruban  
Sicherungsstreifen

Codice	Amp
F17018	30 A
F17019	40 A
F17020	50 A
F17021	60 A
F17022	80 A
F17023	100 A



## Portafusibile lamellare 1 via volante attacco a faston con coperchio

1 way fuse box with cover  
Boitier pour fusible 1 voie avec couvercle  
1-facher Sicherungskasten mit Deckel



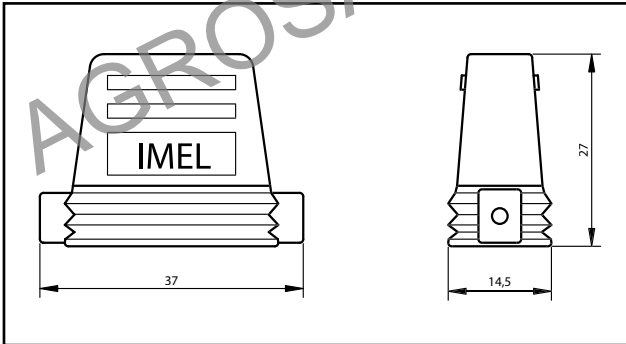
F17048.S = staffa di fissaggio/fixing hanger/étrier de fixation/die befestigungsklaue

F22044 = Terminale (nr. 2)

F22063 = Copri terminale (nr. 2)

## Portafusibile stagno

Waterproof fuse box  
Porte-fusible étanche  
Wasserdichtiger sicherungskaste



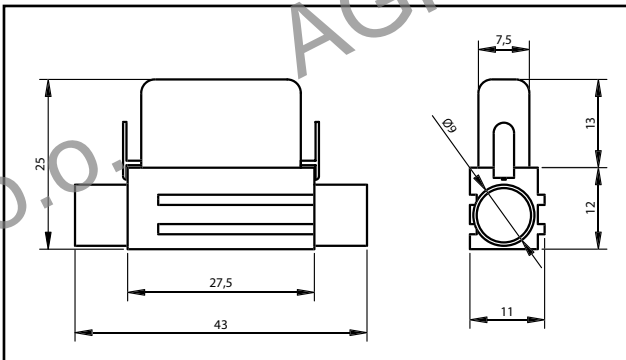
## F17182



F17182.1 = cappuccio/cap/couvercle/deckel

## Portafusibile volante 1 via tenuta stagna componibile

1 wayfuse box waterproof connectable  
Porte fusible 1 voie étanche componible  
1-facher wasserdichte zusammensteckbare Sicherungskaste



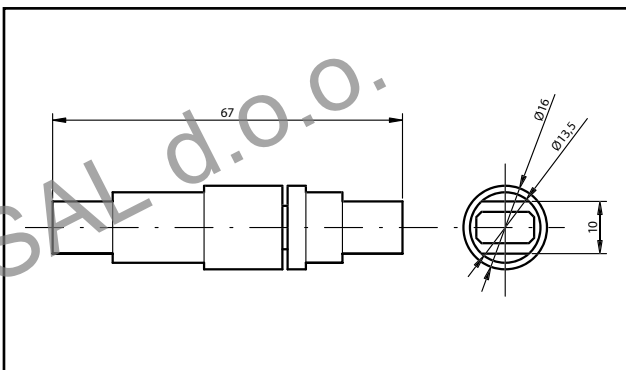
## F17188



Compreso di terminali

## Portafusibile volante 1 via chiusura a baionetta

1 way fusebox bayonet closing  
Portefusible type 1 voie fermteure à bayonnette  
1 Facher Schmelzsicherungskaste



## F17026



F22044 Terminale 6,3 (nr. 2) / clip

F22063 Copri terminale (nr. 2) cover clip

# FUSIBILI E PORTAFUSIBILI

FUSES AND FUSEBOX - FUSIBLES ET PORTE - FUSIBLE



F17024

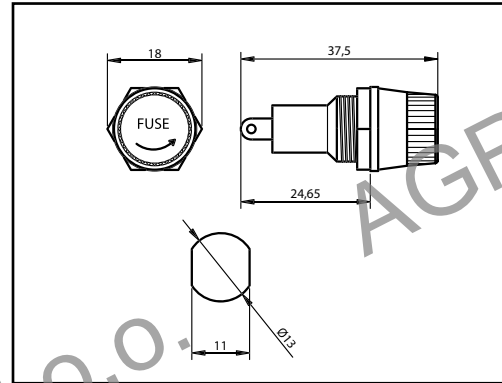


## Portafusibile 1 via per fusibile 5x20

1 way glass fusebox 5x20

Boitier pour fusibile 1 voie pour fusibile 5x20

1 fach Sicherungskaste für Sicherung 5x20



F17025

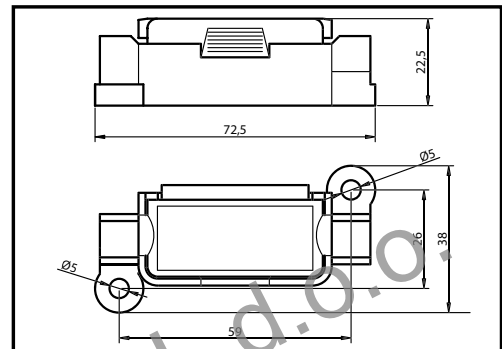


## Portafusibile 1 via a nastro

1 way strip fusebox

Boitier pour fusibile 1 voie pour fusibles à ruban

1 fach Sicherungsstreifen



F17133

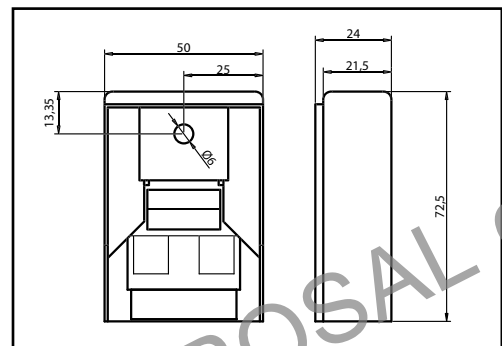


## Portafusibile con fissaggio a vite e attacco ad occhiello con coperchio

Fuse box screw fixing with cover

Porte-fusibile à croche à vis avec couvercle

Schraubenfixierender Sicherungskaste mit Deckel

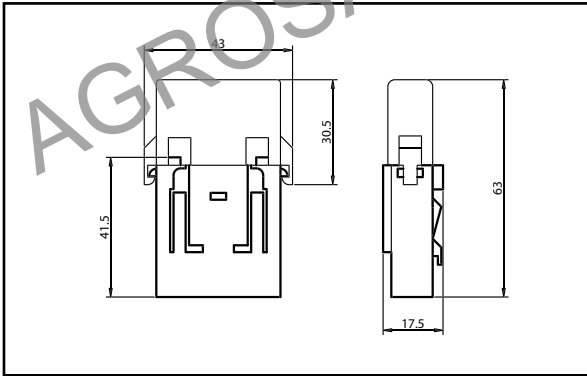


## Portafusibile maxi 1 via attacco a faston

1 way maxi fuse box faston-type

Boitier pour maxi fusible 1 voie à croche contact

Sicherungskasten typ maxi



## F17187



Compreso di terminali

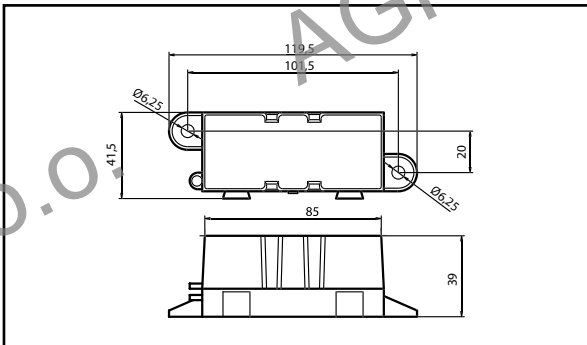
**F22096.S** = staffa di fissaggio/fixing hanger/étrier de fixation/  
die Befestigungsklaue

## Scatola fusibili tipo mega con coperchio

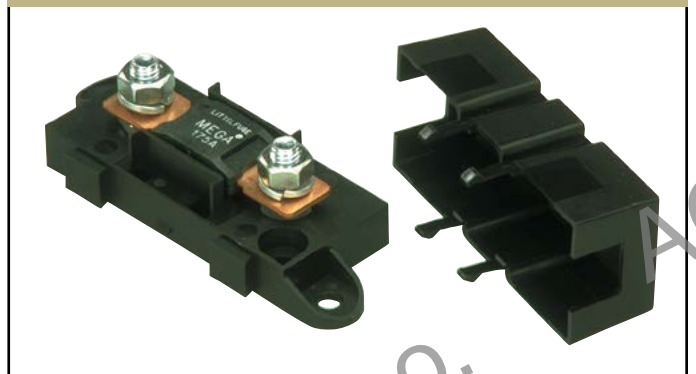
Fuse box type mega with cover

Boitier pour fusible type mega avec couvercle

Sicherungskasten typ mega mit Deckel



## F17113

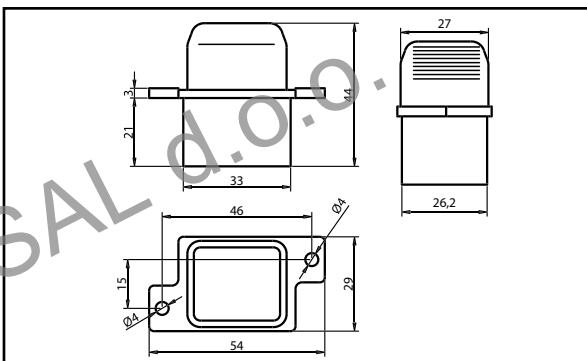


## Scatola fusibili 2 vie

2 way blade fuse box

Boitier pour fusible 2 voies

2 Facher Sicherungskaste



## F17129



**F17122** = Connettore (nr. 1) / connector

**F22039** = Terminale 6,3 (nr. 8) / clip

# FUSIBILI E PORTAFUSIBILI

FUSES AND FUSEBOX - FUSIBLES ET PORTE - FUSIBLE



F17027



F22044 = Terminale 6,3 (nr. 8) / clip

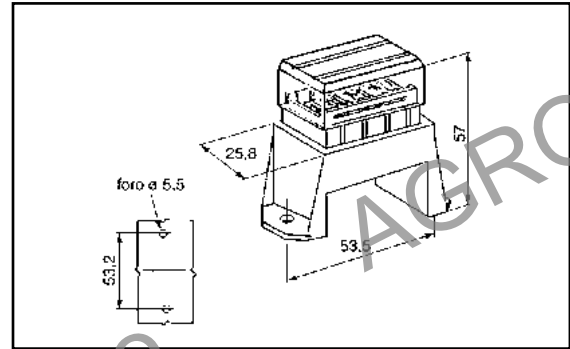
F22063 = Copri terminale 6,3 (nr. 8)

## Scatola porta fusibili lamellari 4 vie con coperchio

4 ways blade fuse box complete with cover

Boitier pour fusible 4 voies avec couvercle

4 Facher Sicherungskaste mit Deckel



F17038



F22044 = Terminale 6,3 (nr. 8) / clip

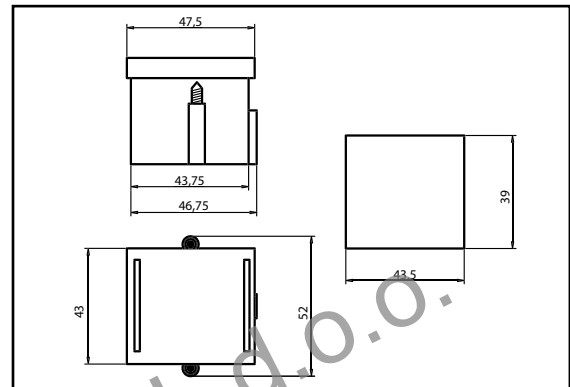
F22063 = Copri terminale 6,3 (nr. 8)

## Scatola porta fusibili lamellari 6 vie con coperchio

6 ways blade fuse box complete with cover

Boitier pour fusible 6 voies avec couvercle

6 Facher Sicherungskaste mit Deckel



F17121



F17122 = Connettore 1-2 (nr. 1) / connector

F17123 = Connettore 3-4 (nr. 1) / connector

F17124 = Connettore 5-6 (nr. 1) / connector

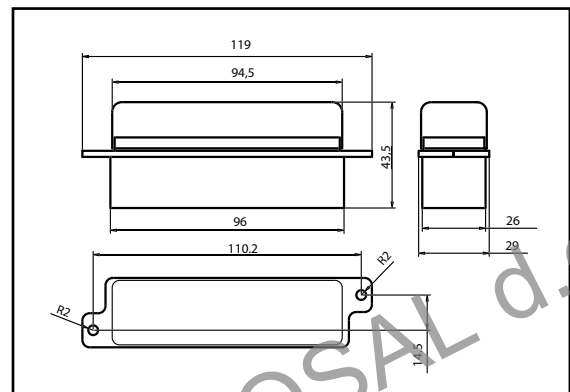
F22039 = Terminale 6,3 (nr. 24) / clip

## Scatola porta fusibili lamellari 6 vie con coperchio

6 way blade fuse box complete with cover

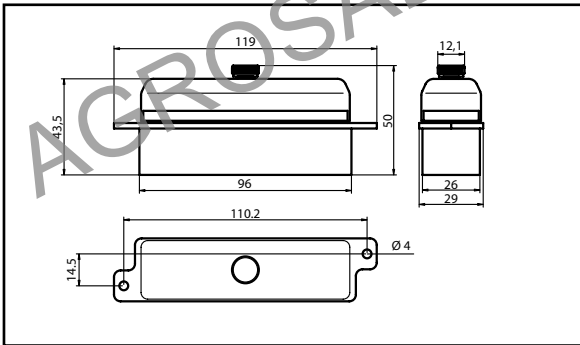
Boitier pour fusible 6 voies avec couvercle

6 Facher Sicherungskaste mit Deckel



## Scatola fusibile lamellare 6 vie

6 way blade fuse box complete  
Boitier pour fusible 6 voies  
6 Facher Sicherungskaste



F17135.B = set connettori / connector

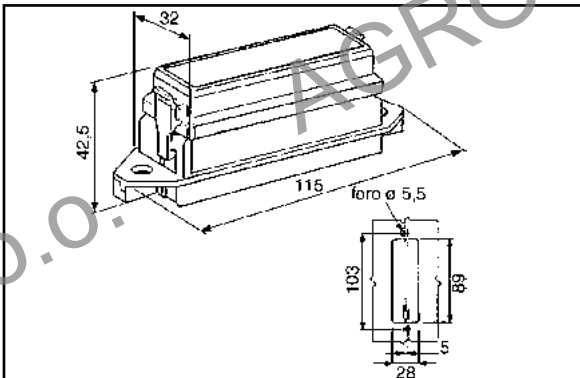
F22039 = Terminale 6,3 (nr. 24) / clip

F17135



## Scatola fusibile lamellare 8 vie

8 way blade fuse box  
Boitier pour fusible 8 voies  
8 Facher Sicherungskaste



F22044 = Terminale 6,3 (nr. 16) / clip

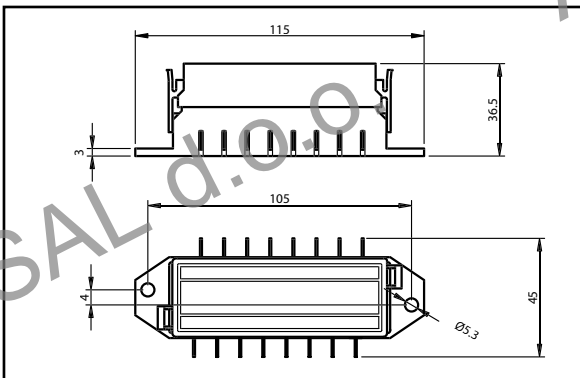
F22063 = Copri terminale (nr. 16)

F17047



## Scatola porta fusibili lamellari 8 vie con uscite laterali

8 way blade fuse box with lateral connections  
Boitier pour fusible 8 voies avec sortie laterales  
8 Facher Sicherungskasten mit Seitlichen Ausgangen



F22044 = Terminale 6,3 (nr. 16) / clip

F22063 = Copri terminale (nr. 16)

F17078



# FUSIBILI E PORTAFUSIBILI

FUSES AND FUSEBOX - FUSIBLES ET PORTE - FUSIBLE



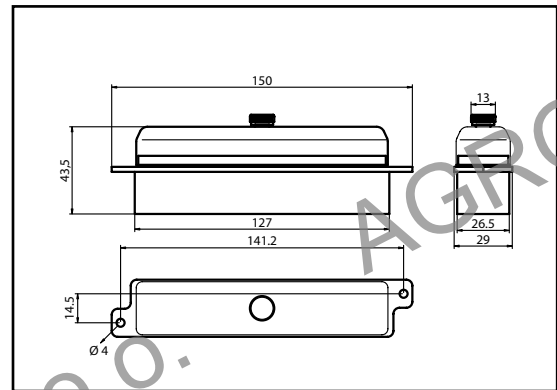
## F17130



**F17130.B** = Set blocchetti / connector  
**F22039** = terminale 6,3 (nr. 32) / clip

### Scatola fusibili lamellare 8 vie

8 way blade fuse box  
Boitier pour fusible 8 voies  
8 Facher Sicherungskaste



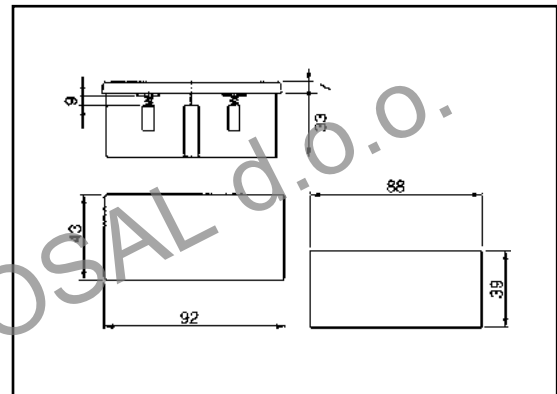
## F17039



**F22044** = Terminale 6,3 (nr. 24) / clip  
**F22063** = Copri terminale (nr. 24)

### Scatola porta fusibili lamellari 12 vie con coperchio

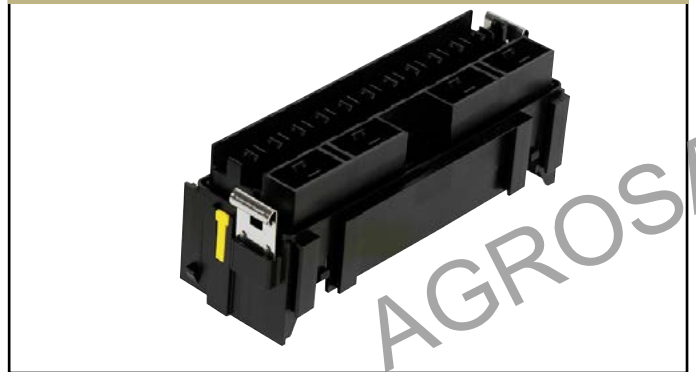
12 way blade fuse box complete with cover  
Boitier pour fusible 12 voies avec couvercle  
12 Facher Sicherungskaste mit Decker



**Corpo porta fusibile a 16 vie lamellari**

16 way fuse box  
Boitier pour fusible 16 voies  
16 Facher Sicherungskaste

**F17137**



F22182 = Terminale (nr. 32) / clip

**Corpo porta relè a 4 vie**

4 way relays box  
Boitier pour relais 4 voies  
4 Facher Relaiskaste

**F17138**



F22039 = Terminale 6,3 (nr. 20) / clip

**Corpo porta mini relè 7 vie**

7 way mini relays box  
Boitier pour mini relais 7 voies  
7 Facher Minirelaiskaste

**F17139**



Terminali / clip

F22044	6,3	(nr. 14)
F22026	4,8	(nr. 21)

**F17136 (nr. 1)**

**Coperchio**

Cap  
Couvercle  
Deckel

**F17141 (nr. 2)**

**Piede di supporto maschio**

Male support  
Support male  
Halter

**F17142 (nr. 2)**

**Piede di supporto femmina**

Female support  
Femelle support  
Halter

**F17143 (nr. 1)**

**Pinza estrazione fusibili**

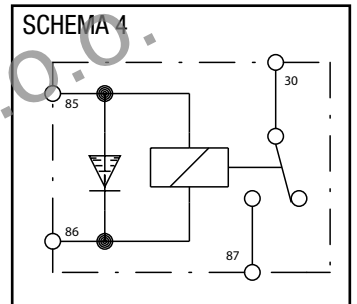
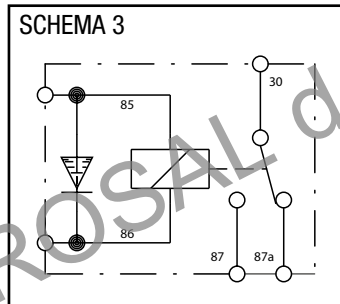
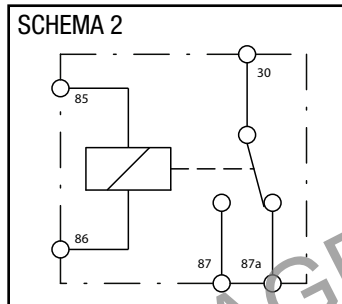
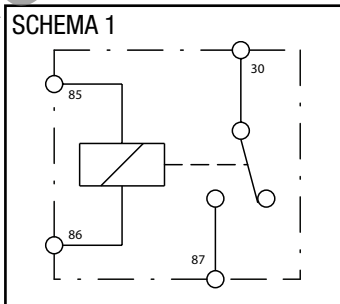
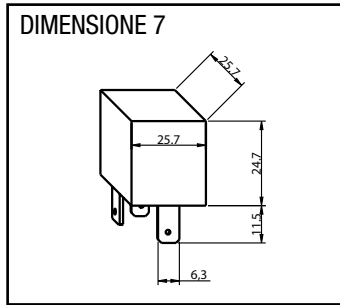
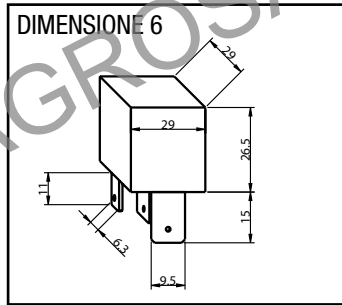
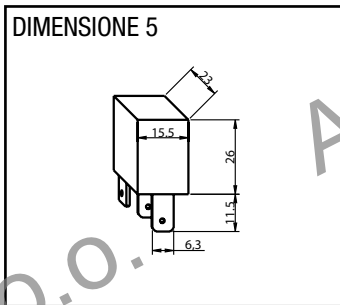
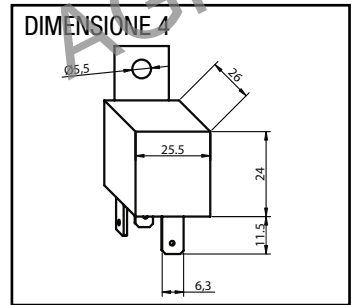
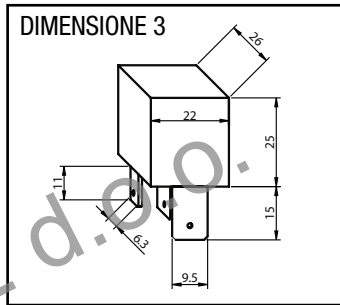
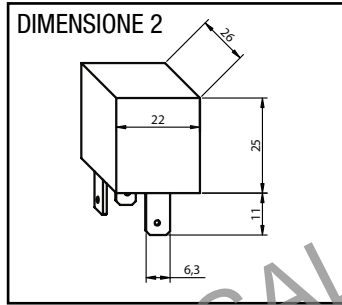
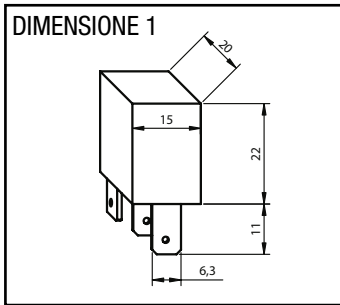
Fuse extracting pliers  
Pince extraction fusible  
Sicherungsabziehente Zange





**Mini relè/relè/relè di potenza**

Micro relays/power relays  
 Relais/relais de puissance  
 Relais/kraftrelais



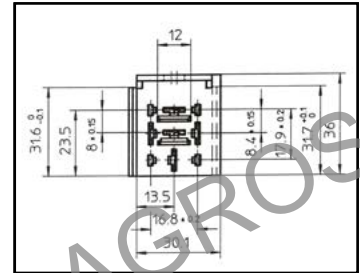
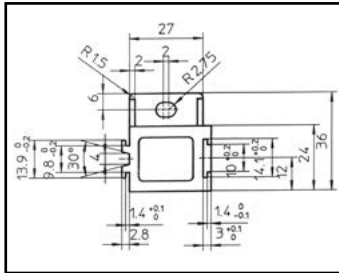
Codice	Volt	Amper	C/Staffa	S/Staffa	Schema	Dimensione	Tenuta
I18003.B	12V	20/30A	•		2	4	
I18004.B	24V	10/20A	•		2	4	
I18131	12V	30/40A		•	2	2	•
I18139	24V	10/20A		•	2	2	•
I18134	12V	70A		•	1	3	•
I18135	24V	40A		•	1	3	•
I18170	12V	70A		•	4	6	•
I18171	24V	40A		•	4	6	•
I18172	12V	40/70A		•	3	6	•
I18173	24V	30/40A		•	3	3	•
I18174	12V	30/40A		•	3	7	•
I18175	24V	20/10A		•	3	7	•
I18176	12V	15/25A		•	3	5	•
I18177	24V	5/10A		•	3	5	•
I18132	12V	20/35A		•	2	1	•
I18138	24V	5/10A		•	2	1	•
I18186	12V	15/25A		•	2	5	•
I18187	24V	5/10		•	2	5	•
I18188	12V	30/40A		•	2	7	•
I18189	24V	20/15A		•	2	7	•

**I18006**



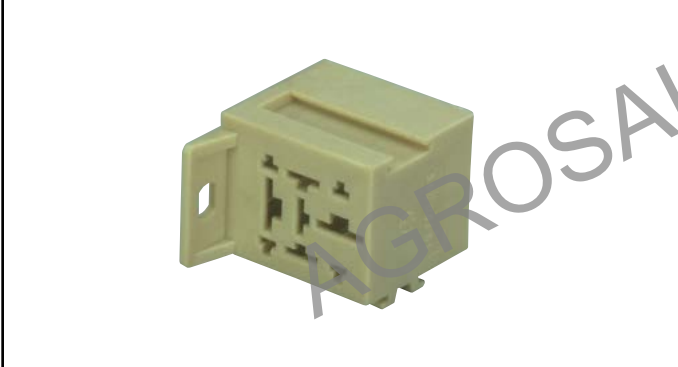
**Base per relè**

Bracket for relays  
Connecteur pour relais  
Relaishalter



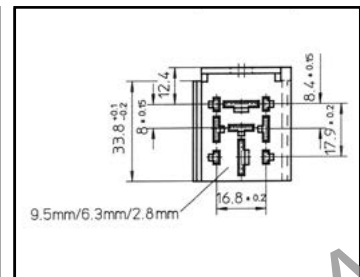
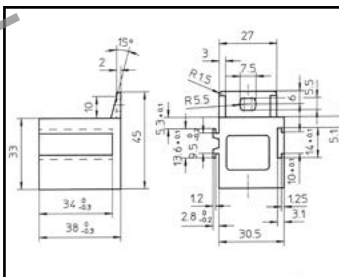
**F22039** = Terminale 6,3 (nr. 5) / clip  
**F22025** = Terminale 2,8 (nr. 4) / clip

**I18006.1**



**Base per relè di potenza**

Connection housing for power relays  
Connecteur pour relais de puissance  
Kraftrelais halter



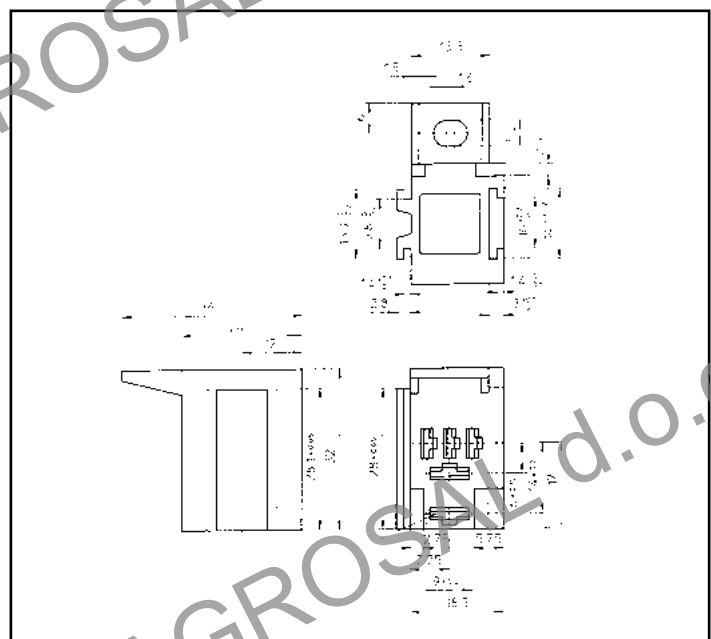
**F22039** = Terminale 6,3 (nr. 3) / clip  
**F22025** = Terminale 2,8 (nr. 4) / clip  
**F22047** = Terminale 9,2 (nr. 2) / clip

**I18099**



**Base per mini relè**

Connection housing for micro relays  
Connecteur pour relais  
Minirelais Halter



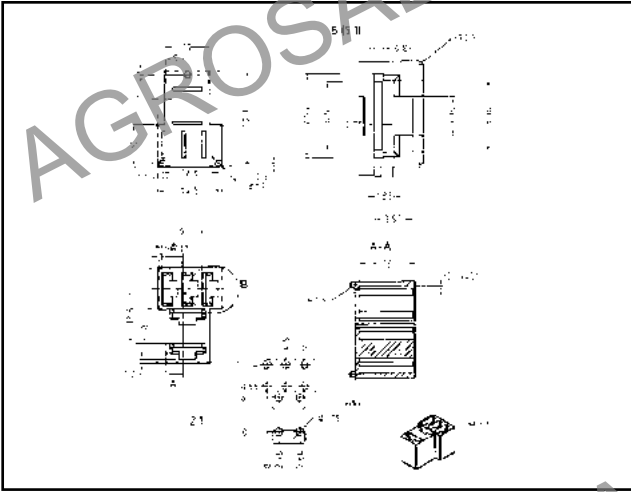
**F22039** = Terminale 6,3 (nr. 2) / clip  
**F22045** = Terminale 4,8 (nr. 3) / clip

**Base mini relè per stampato**

Connection housing for relays

Connecteur pour relais

Minirelais Halter für Gedruckte Schaltung



**I18099.CS**

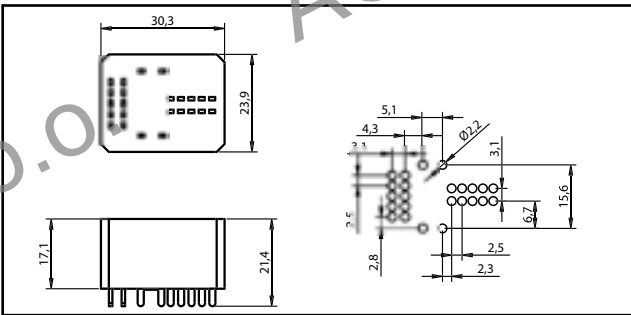


**Base relè di potenza per stampato**

Connection housing for power relays

Connecteur pour relais de puissance

Kraftrelais Halter für Gedruckte Schaltung



**I18006.1CS**

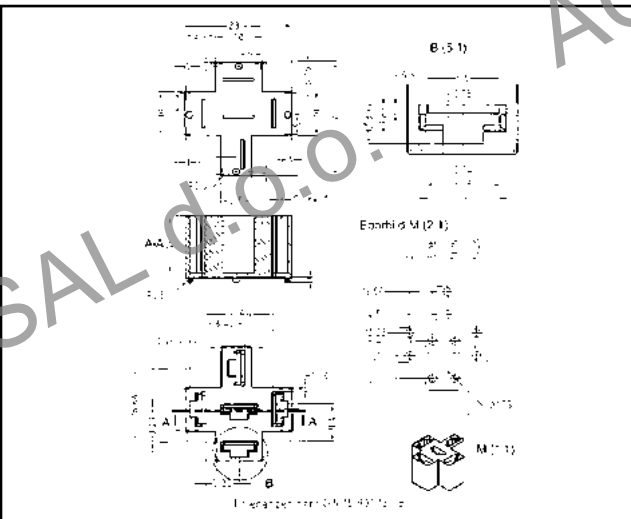


**Base per relè CS**

Connection housing for relays

Connecteur pour relais

Relais Halter CS



**I18006.CS**



AGROSAL d.o.o.

AGROSAL d.o.o.

AGROSAL d.o.o.

AGROSAL d.o.o.

# RELE PER MONTAGGIO SU CIRCUITI STAMPATI

POWER RELAYS FOR PRINTED CIRCUITS - RELAIS DEPOUSSANCE POUR CIRCUITS IMPRIMÉS- KRAFTRELAIS



## F17189.CS

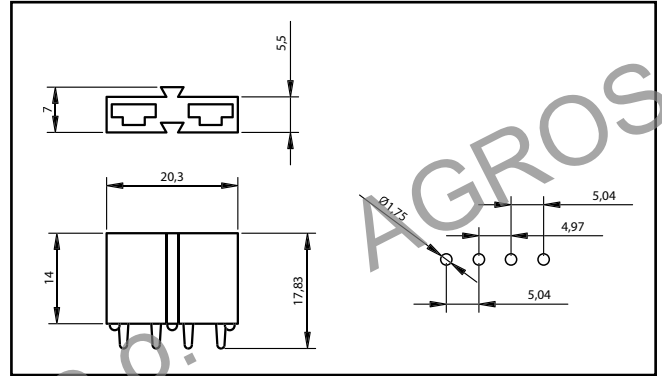


### Portafusibile lamellare a 1 via per circuito stampato

1 way Fuse Box for Printed Circuit

1 voie Porte Fusible à lamelle pour circuite imprimé

1 Fach lamellare Sicherungskaste für gedruckte Schaltung



## I18255.1

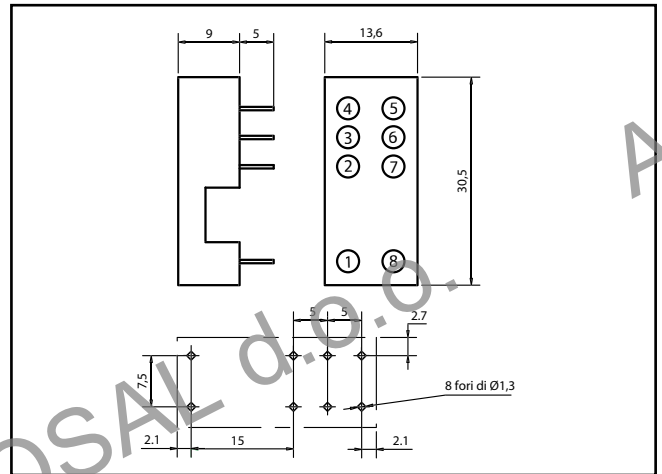


### Porta relè per circuito stampato

Box for Housing Relays for printed circuit

Porte Relais pour circuite imprimé

Relaiskaste für gedruckte Schaltung



## I18205

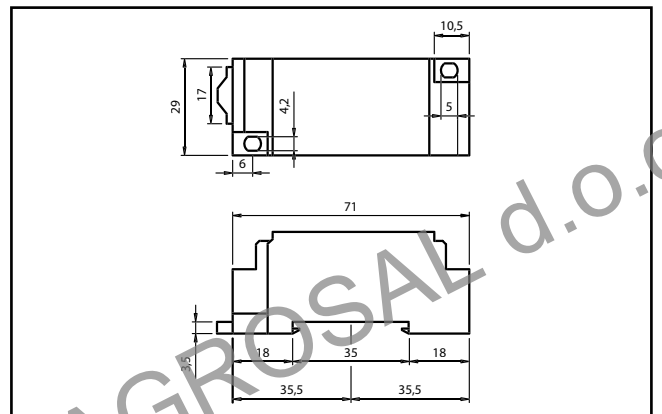


### Porta relè

Box for Housing Relays

Porte Relais

Relaiskaste

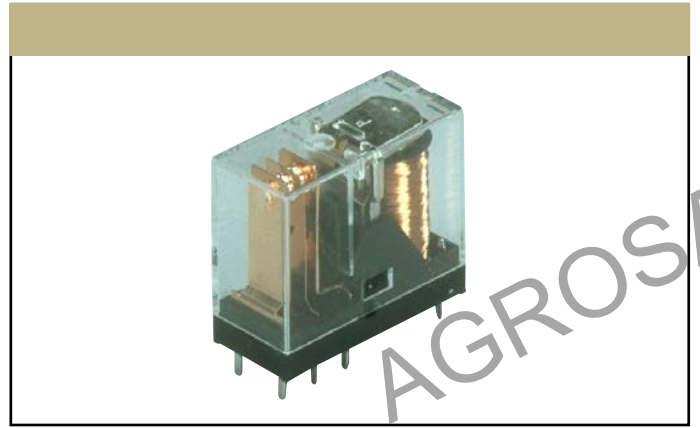
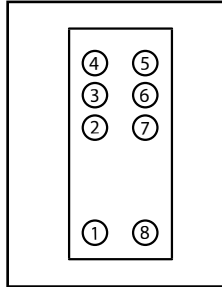
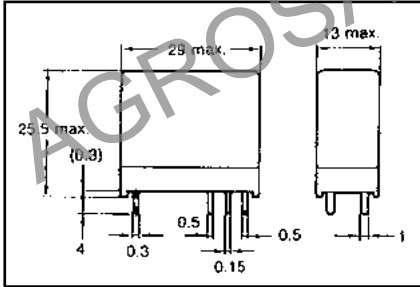


## Relè per montaggio su circuiti stampati

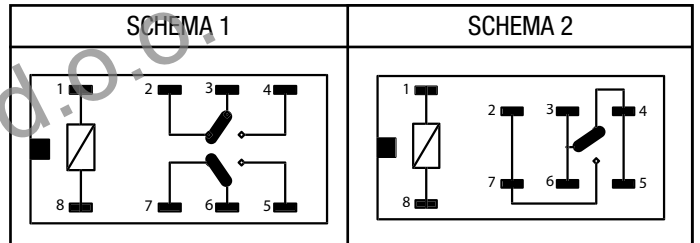
Power relays for printed circuits

Relais de puissance pour circuits imprimés

Relais für Gedruckte Schaltung



CODICE	VOLT	AMPER	N° SCAMBI	SCHEMA
I18058.1	12V	5A	2	1
I18255	24V	5A	2	1
I18073	12V	16A	1	2
I18062	24V	8A	1	2



## I18008

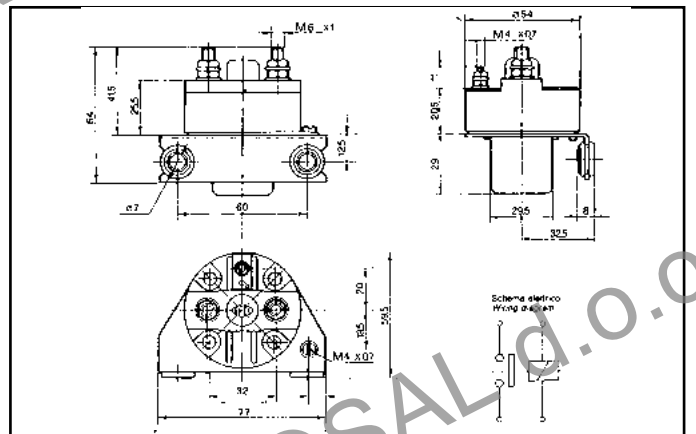


## Relais per dinamotore 12V - 50A

Relais for dynamotor 12V - 50A

Relais pour dynamoteur 12V - 50A

Relais für Dynamo 12V - 50A

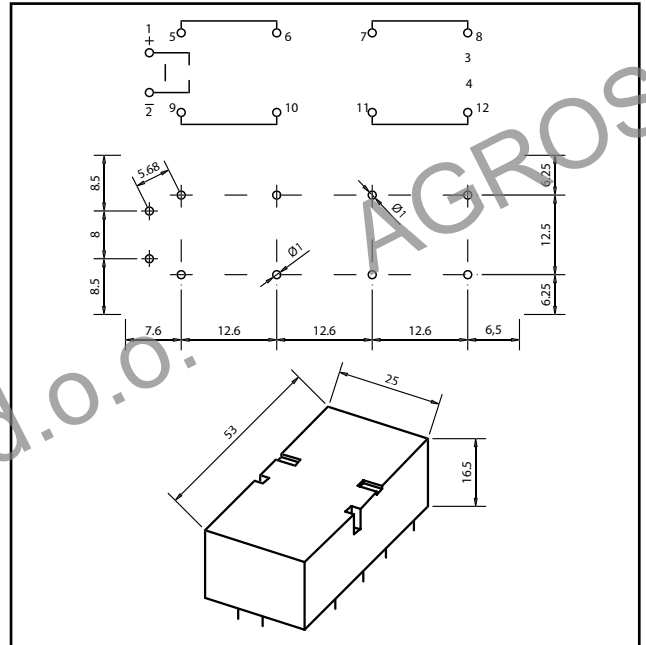


**I18166**



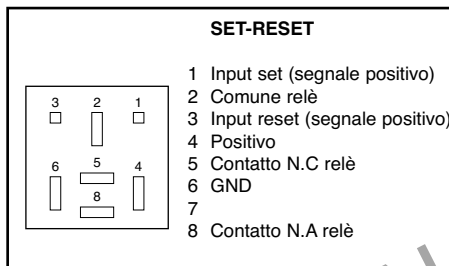
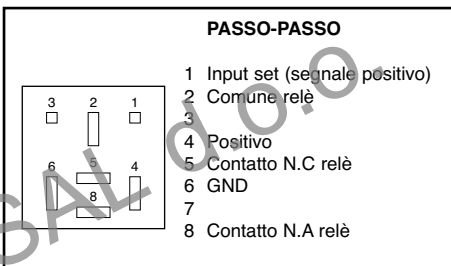
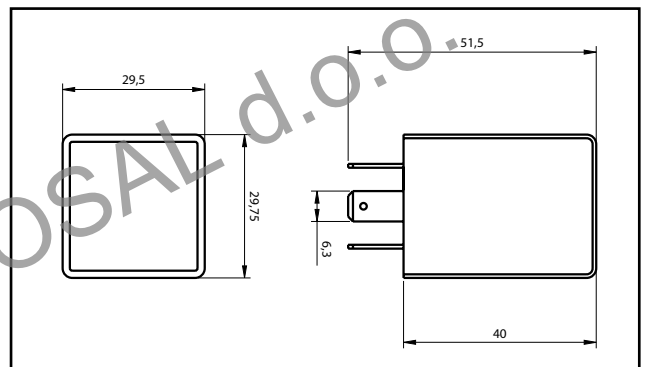
**Relè di sicurezza 24V**

Safety relay 24V  
Relais de Sécurité 24V  
Sicherungsrelais 24V



**Relè**

Relay  
Relais  
Relais

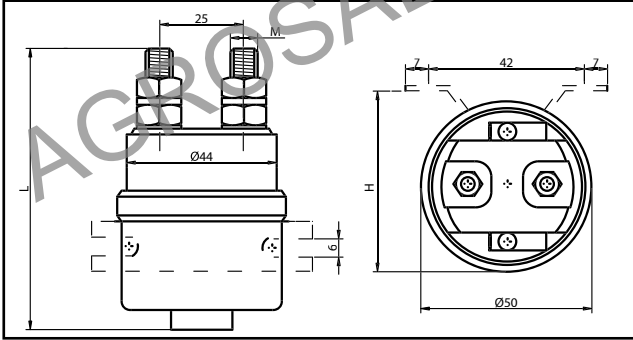


Codice/Code	V
I18182	12
I18183	24

Codice/Code	V
I18184	12
I18185	24

## Teleruttore

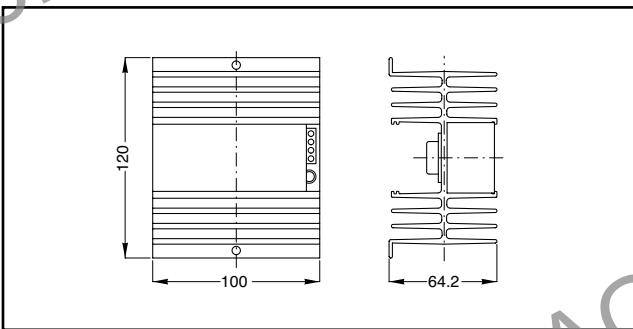
Remoter control switch  
Télérupteur  
Fernschalter



CODICE	VOLT	A NOMINALI CONTINUI	CONTATTO	INGOMBRO	
				L	H
I18022	12	150 - 180	NO	L102	H55
I18039	12	80 - 120	NO	L 83	H54
I18039.24V	24	80 - 120	NO	L 83	H54
I18039.36V	36	80 - 120	NO	L 83	H54
I18050	36	100 - 150	NO	L102	H54
I18152	36	150 - 180	NO	L 96	H55,5
I18159	12	80 - 120	NO+NC	L86	H66

## Commutatore di tensione 24>12V 10A

Commutator of tension 24>12V 10A  
Commutateur de tension 24>12V 10A  
Stromwender 24>12V 10A



## I18047



## Elevatore di tensione 12V dc - 24V dc (2A) 85w

Elevator of tension 12V dc - 24V dc (2A) 85w  
Élévateur de tension 12V dc - 24V dc (2A) 85w  
Spannungserhöher 12V dc - 24V dc (2A) 85w



## V38099





## I18013

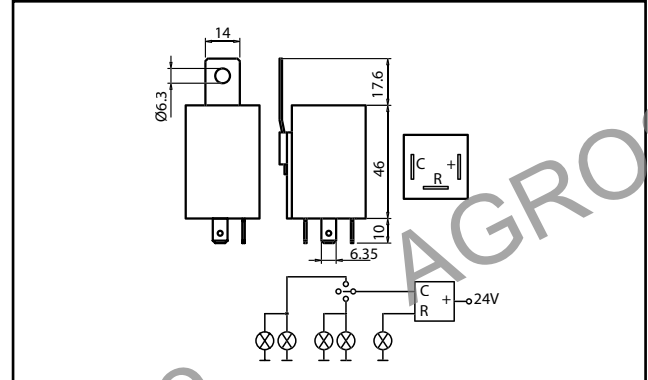


24V

**I18006** = Supporto (nr. 1) / support  
**F22039** = Terminale 6,3 (nr. 3) / clip

### Intermittenza con staffa di fissaggio

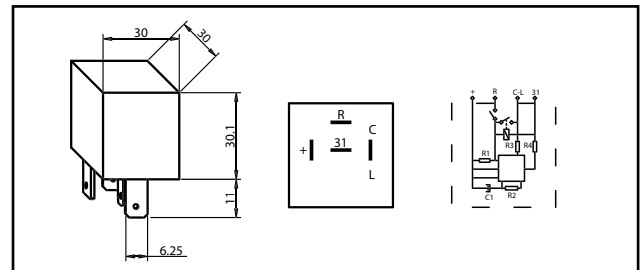
Flashing unit with fixing hanger  
 Clignoteur avec étrier de fixation  
 Intermittenz-halter



**I18006** = Supporto (nr. 1) / support  
**F22039** = Terminale 6,3 (nr. 4) / clip

### Intermittenza

Flashing unit  
 Clignoteur  
 Intermittenz



Codice/Code	V	W
I18082	12	40/46
I18180	24	25
I18181	12	25

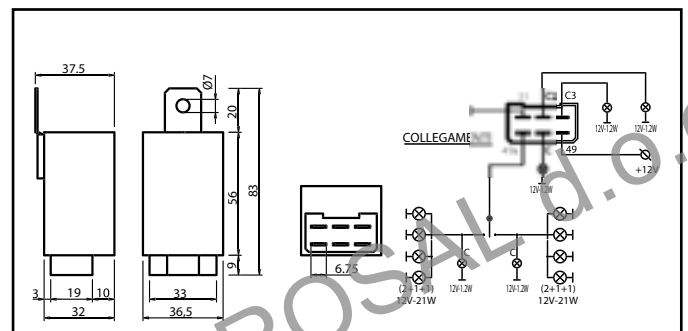
## I18156



**F22075** = Connettore (nr. 1) / connector  
**F22039** = Terminale 6,3 (nr. 6) / clip

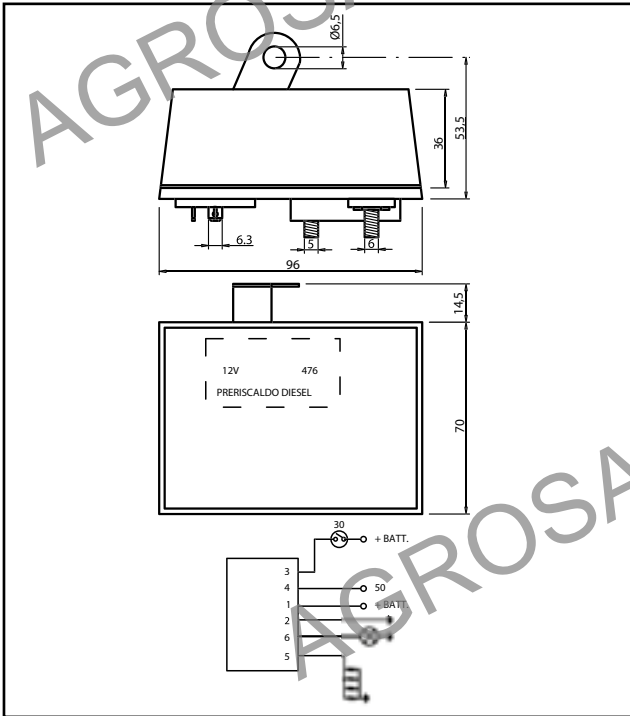
### Intermittenza elettronica 6 poli 8x21W con segnalazione guasto

6 ways electronic flashing 8x21W with breakdown signal  
 Clignoteur électronique 6 voies 8x12W avec signalisation panne  
 Elektronische intermittenz 6 poliger 8x21W mit Schaden Signal



## Centralina preriscaldo 12V

Pre-heating device 12V  
Dispositif de pré-chauffage 12V  
Vorwärmungsrelais 12V



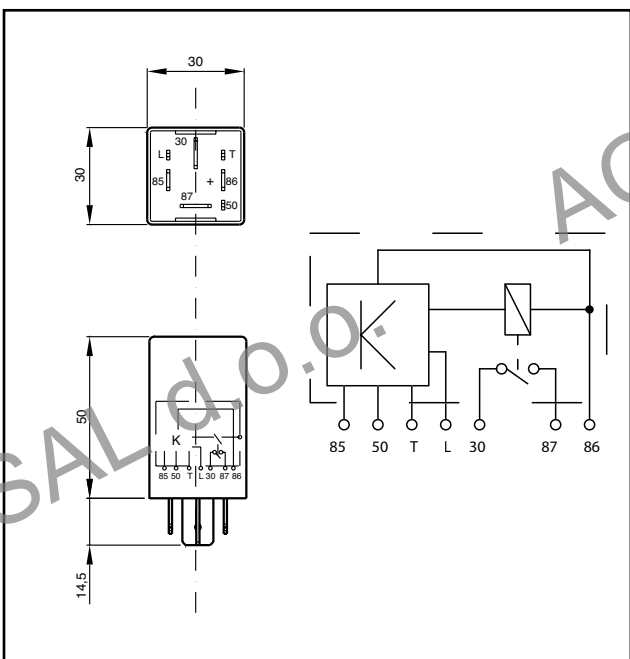
## I18041



- F22095 = Connettore (nr. 1)
- F22039 = Terminale 6,3 (nr. 4)
- F22316 = Occhiello Ø 5 (nr. 1)
- F22317 = Connettore Ø 6 (nr. 1)

## Centralina preriscaldo 12V Lombardini

12V Pre-heating relays Lombardini  
Relais de pré-chauffage 12V Lombardini  
Vorwärmungsrelais diesel 12V Lombardini



## I18086



- I18006.1 = Portcentralina (nr. 1)
- F22047 = Terminale 9,2 (nr. 2)
- F22039 = Terminale 6,3 (nr. 2)
- F22025 = Terminale 2,8 (nr. 3)

# CENTRALINE PRERISCALDO

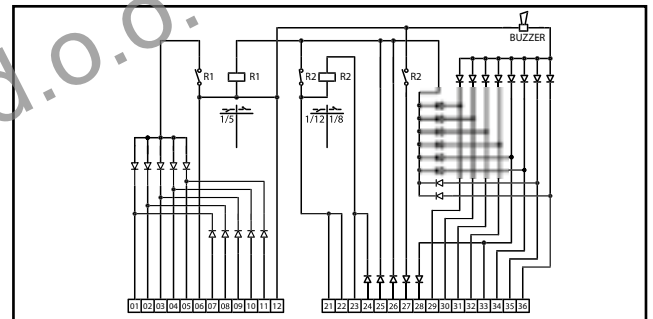
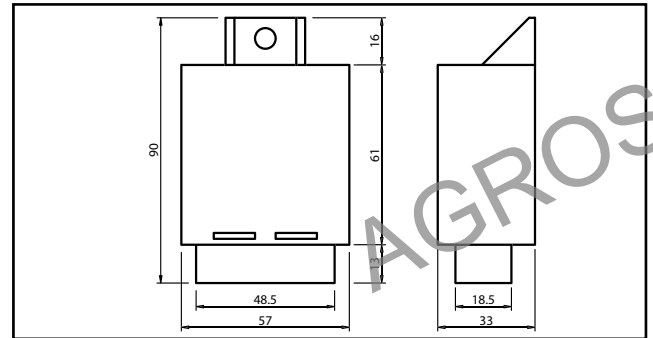
PRE-HEATING DEVICE - DISPOSITIFS DE PRÉ-CHAUFFAGE - VORGLUHZEITRELAIS



**F23027** = Connettore 12 vie (nr. 1) / connector  
**F23028** = Connettore 16 vie (nr. 1) / connector  
**F23029** = Terminale (nr. 28) / clip

## Check spie

Warning lights check  
 Controle voyants  
 Kontrollampen Prüfung



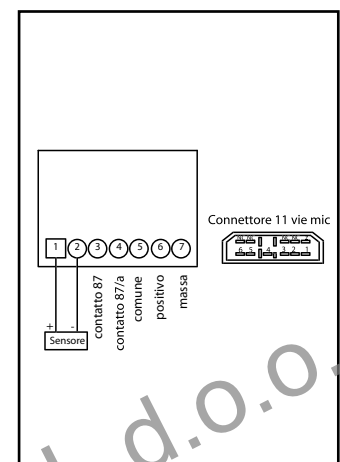
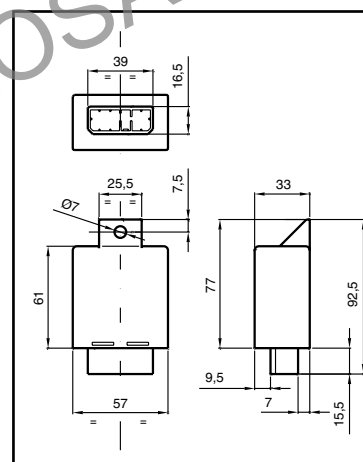
Codice/Code	V
I18094	12
I18161	24



**F23004** = Connettore (nr. 1) / connector  
**F23015.F** = Terminale (nr. 11) / clip

## Circuiti albero fermo

Stopping shaft circuit  
 Circuit arbre arrêté  
 Schaltung stehende welle

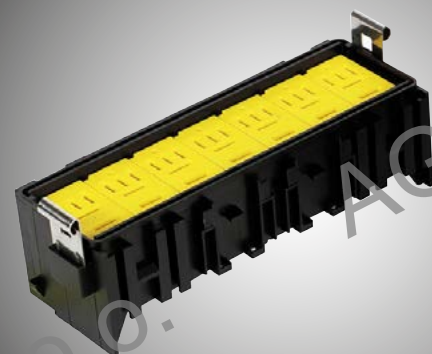
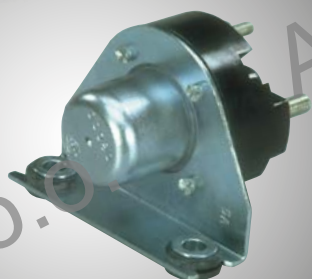


Codice/Code	V
I18169.12V	12
I18169.24V	24



Fusibili cruscotti e relays,  
centraline preriscaldo

Fuses, Dashboards & Relays,  
Pre-heating device



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www.ama.it - ama@ama.it

AZIENDA CON  
SISTEMA DI GESTIONE  
CERTIFICATO DA DNV  
= ISO 9001 =  
= ISO 14001 =

CATALOGO TECNICO  
TECHNICAL CATALOGUE