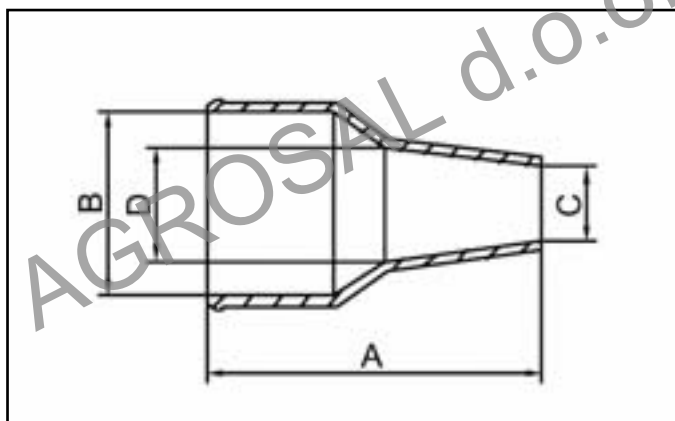


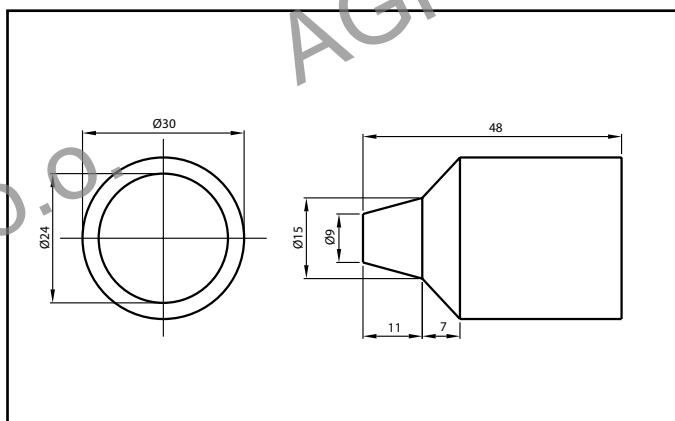
Cablaggi, connettori,
cappucci e avvisatori acustici

Wiring, Connectors,
Protection Cap & Horn

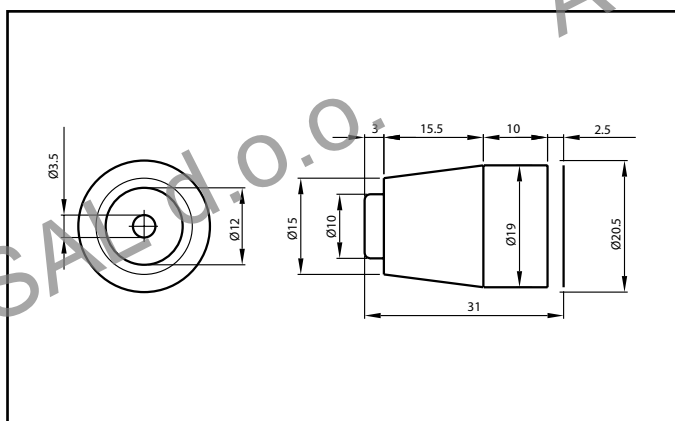




Art.	A (mm)	B (mm)	C (mm)	D (mm)
M21020	54	30	12	18
M21019	76	66,5	12	18
M21076	74	38,5	9	35,5



M21106

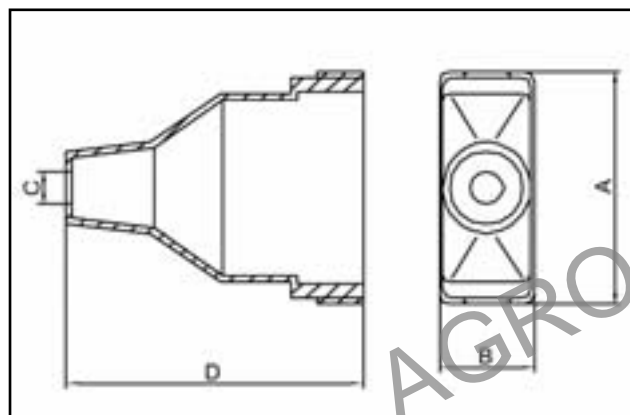


M21021

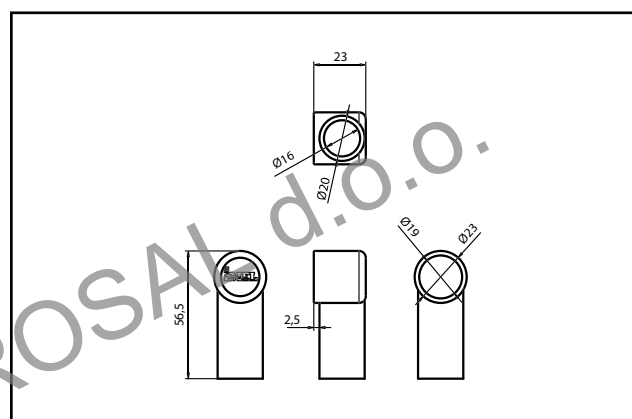


CAPPUCCI DI PROTEZIONE

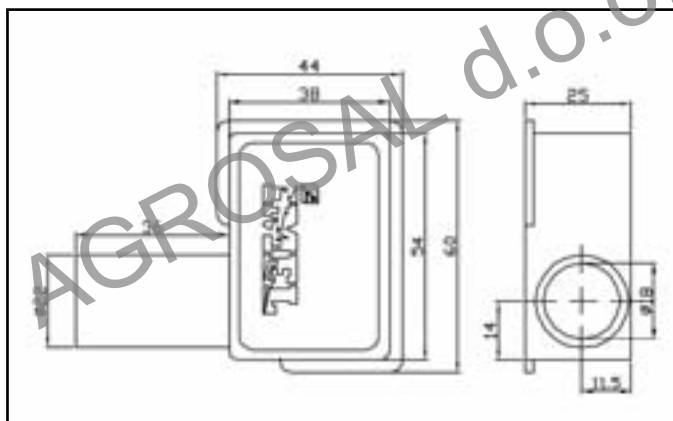
PROTECTION CAP - CAPUCHONS DE PROTECTION - SCHUTZKAPPE



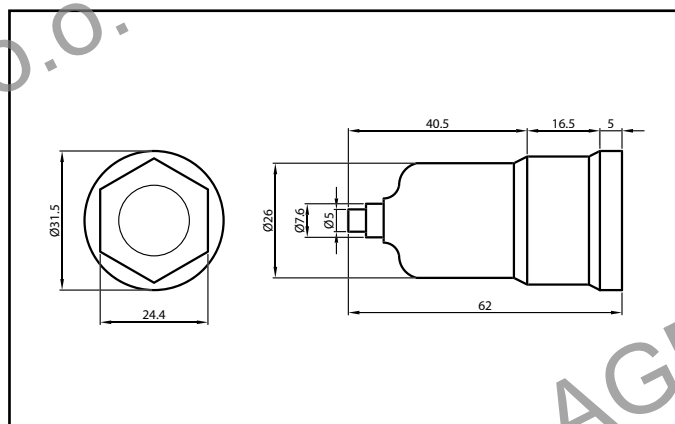
Art.	A (mm)	B (mm)	C (mm)	D (mm)
M21129	56	22,8	7,75	71
M21130	45,5	23	7,75	54



Art.	A (mm)	B (mm)	C (mm)	D (mm)
M21016	29	6	11	13
M21017	33	7,5	15	20
M21032	60	9	16	25
M21107	47,5	18	22,5	27
M21108	44,5	16,5	21	22,5



Codice/Code	Tipo	Morsetto
M21027	Sx	Positivo (+)
M21028	Dx	Negativo (-)



M21143

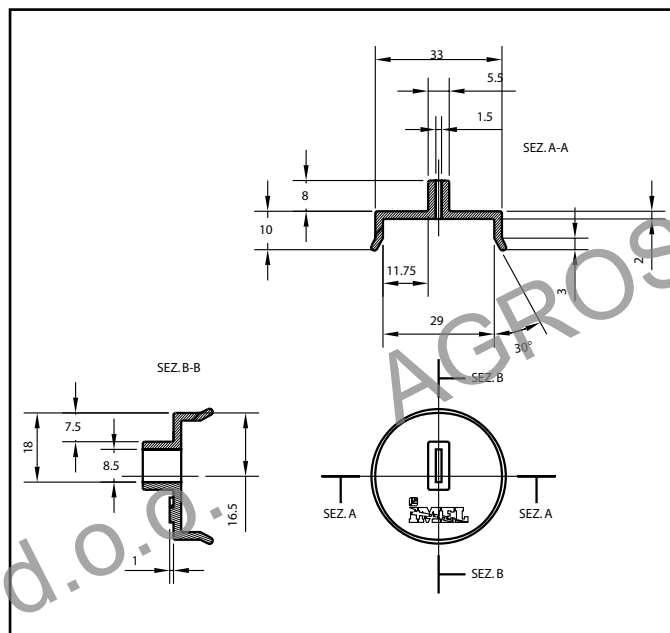


CAPPUCCI DI PROTEZIONE

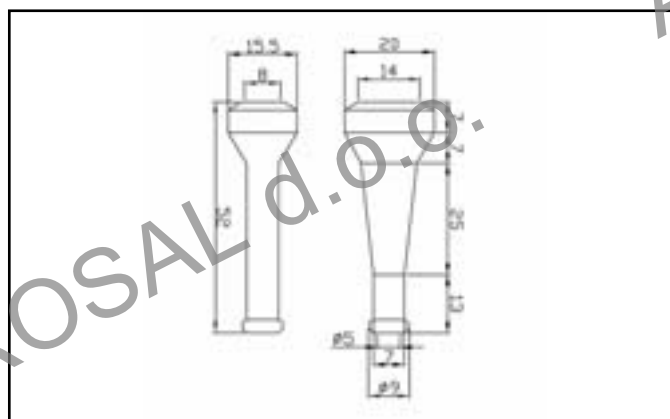
PROTECTION CAP - CAPUCHONS DE PROTECTION - SCHUTZKAPPE



Dis. 791



F22291.C



Progettazione e realizzazione di kit cablaggio elettrico, operate sulla base delle più moderne tecnologie presenti sul mercato.

Complete wiring harness is projected and realized taking advantage of the most modern technologies on the market.

Etude et réalisation de kit faisceau électrique complet, produit selon les plus modernes technologies du marché.

Kompletten Kabelstränge werden nach den modernsten Technologie auf dem Markt entwickelt und hergestellt.



Sezione cavo Cable section	Max. temp. esercizio Max. working temp.	Minimo ordinabile Minimum batch qty
0,5 mm	105°C	5.000
1 mm		3.000
1,5 mm		1.800
2,5 mm		1.500
4 mm		800
6 mm		600
Materiale isolante conforme alle norme: CEI 20-11 tipo R3 Insulating material in compliance with the CEI 20-11 type R3 regulation		
Disponibile in diverse colorazioni/ Different colour available		

Codice componibile a seconda delle specifiche esigenze:

Code to be elaborated according to the specific requirements:

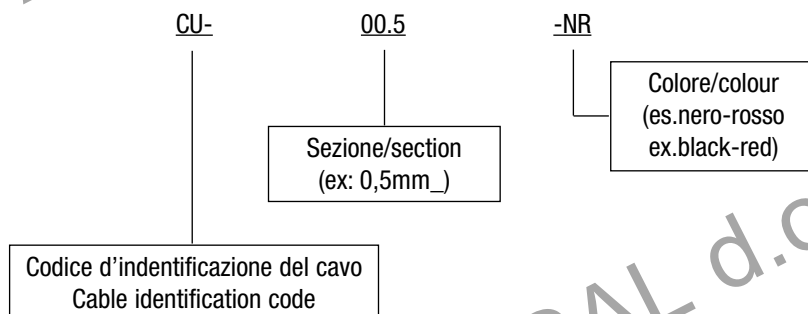


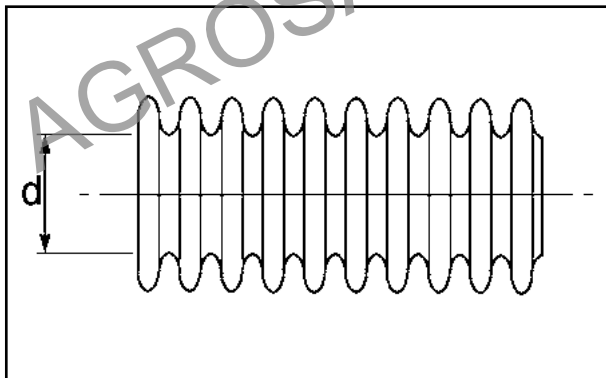
Tabella dei colori / Colour chart				
C	Arancione	Orange	Orange	Orange
A	Azzurro	Light blue	Bleu clair	Hellblau
B	Bianco	White	Blanc	Weiß
L	Blu	Blue	Blue	Blau
G	Giallo	Yellow	Jaune	Gelb
H	Grigio	Grey	Gris	Grau
M	Marrone	Brown	Marron	Braun
N	Nero	Black	Noir	Schwarz
S	Rosa	Pink	Rose	Rosa
R	Rosso	Red	Rouge	Rot
V	Verde	Green	Vert	Grün
Z	Viola	Violet	Violet	Viola

Materiale: polipropilene modificato (PP-mod) nero

Temperatura d'esercizio: -40°C fino a +135°C

Material: black modified polypropylen

Working temperature: from -40°C to 135°C



Codice Code	Ø Interno D (mm) Ø Inside D (mm)	Quantità minima Minimum Quantity
G37501	4,5	100 MT.
G37502	6	100 MT.
G37503	7,5	50 MT.
G37504	8,5	50 MT.
G37505	10	50 MT.
G37506	12	50 MT.
G37507	13	50 MT.
G37508	14	50 MT.
G37509	17	50 MT.
G37510	19	50 MT.
G37511	22	50 MT.
G37512	23	25 MT.
G37513	26	25 MT.
G37514	29	25 MT.
G37515	37	25 MT.
G37516	50	25 MT.

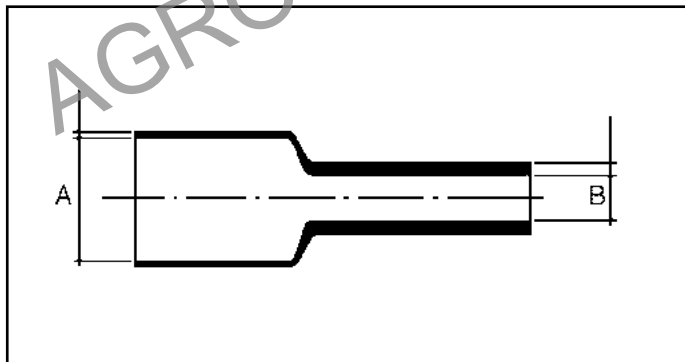
TUBO CORRUGATO PP-MOD

ELETRICAL CABLE - CABLE ÉLECTRIQUE - ELEKTRISCHE KABEL



Guaina termoretraibile tubolare al silicone a tenuta stagna

Waterproof silicon thermonarrowing jacket
Guaine thermoretractable tubulaire au silicone étanche
Wasserdichter Thermoeinziehbarer Silikonschlauch



Codice Code	A	B	Minimo ordinabile Min. order Qty
G37083	12	3	100 m
G37084	16	4	75 m
G37085	24	6	50 m
G37086	32	8	30 m
G37087	52	13	30 m

Raccordo di collegamento

Link of connection
Raccord de liaison
Schraubverbindung



Codice	Raccordo
G37180	10
G37181	13
G37182	17
G37183	22
G37186	26
G37185	29

Pressacavi

Press-Cables
Presse-Cable
Kabelpresse



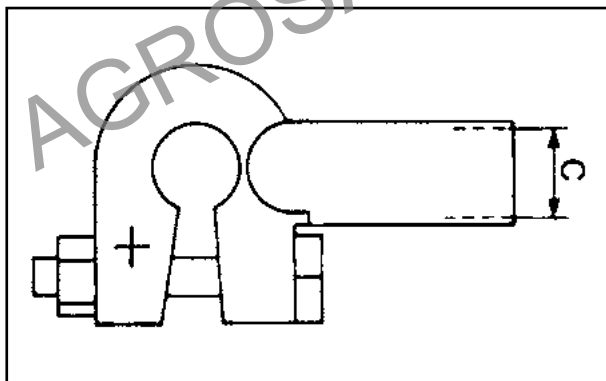
Codice	Passo PG	Dado
M21072.2	11	M21072.2D
M21073.2	13,5	M21073.2D
M21074.2	16	M21074.2D
M21075.2	21	M21075.2D
M21079.2	29	M21079.2D
M21085.2	36	M21085.2D

Morsetti batteria collegamento positivo

Positive battery clamp

Borne batterie

Positivbatterieklamme



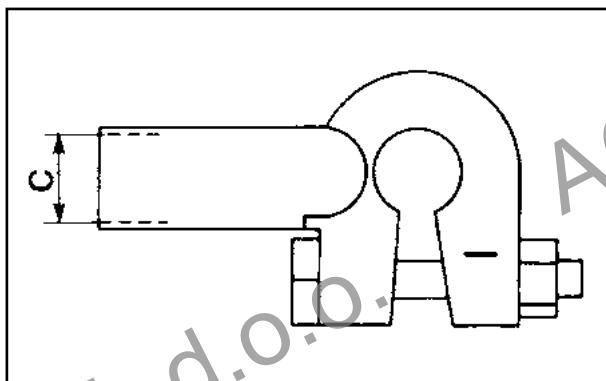
Code	C = (mm)
M21138	10-16
M21133	25-35
M21135	50
M21137	70-90

Morsetti batteria collegamento negativo

Negative battery clamp

Borne batterie

Negativbatterieklamme



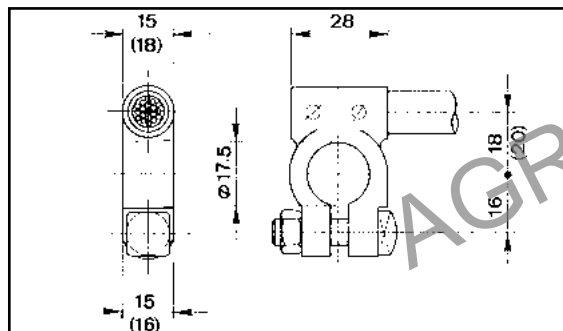
Code	C = (mm)
M21139	10-16
M21132	25-35
M21134	50
M21136	70-90

Morsetto batteria (fusione in ottone)

Battery clamp (Brass casting)

Borne batterie (Fusion en laiton)

Batterieklemme (Messingsguß)



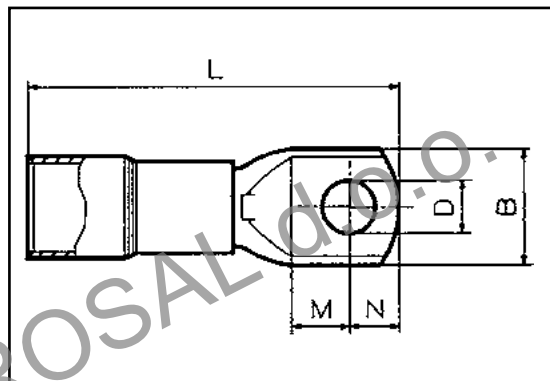
Codice Code	Polarit - Pol.	Cavo - Cable
M21011	+	25
M21012	-	25

Capocorda di potenza preisolati

Pre-insulated heavy wire clip with eyelet

Cosse lourd à oeillet pre-isolé

Schwerer vorisolierter Kabelschuh



Confezione 100 pezzi

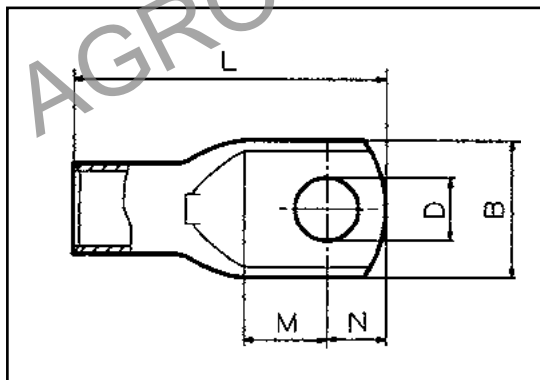
Codice Code	Sezione conduttore (mm)	Dimensioni					
		Vite	L (mm.)	B (mm.)	D (mm.)	M (mm.)	N (mm.)
F22017.I	35	M8	56,0	17,0	8,4	9,0	8,0
F22018.I		M10	60,0	18,5	10,5	11,0	10,0
F22019.I		M12	65,0	21,0	13,2	14,0	12,0
F22021.I	50	M8	61,5	19,8	8,4	9,0	8,0
F22020.I		M10	65,5	19,0	10,5	11,0	10,0
F22033.I		M12	70,5	22,0	13,2	14,0	12,0
F22007.I	70	M8	65,8	23,0	8,4	9,0	8,0
F22049.I		M10	69,8	23,0	10,5	14,0	10,0

Capocorda di potenza.

Heavy wire clip

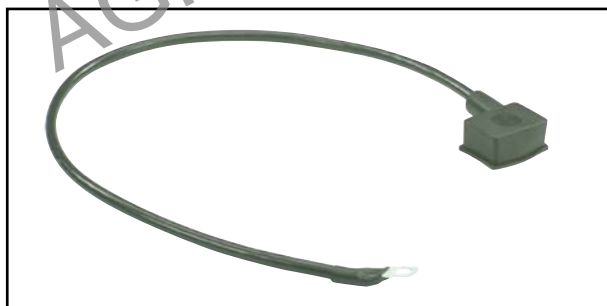
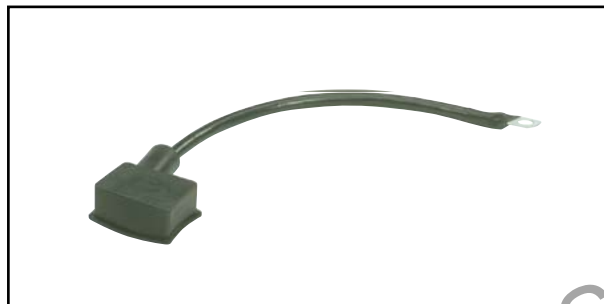
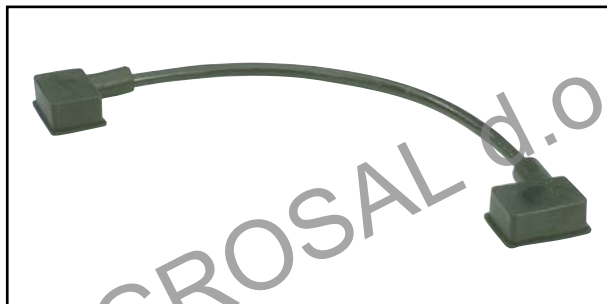
Cosse lourde à oeillet

Schwerer Kabelschuh



Confezione 100 pezzi

Codice Code	Sezione conduttore (mm)	Dimensioni					
		Vite	L (mm.)	B (mm.)	D (mm.)	M (mm.)	N (mm.)
F22009	10	M6	26,5	11,0	6,4	7,0	6,0
F22010		M8	30,5	15,0	8,4	9,0	8,0
F22011		M10	34,5	18,0	10,5	11,0	10,0
F22012	16	M6	29,5	11,5	6,4	7,0	6,0
F22013		M8	33,5	15,0	8,4	9,0	8,0
F22014		M10	37,5	18,0	10,5	11,0	10,0
F22050		M12	42,5	20,0	13,4	14,0	12,0
F22008	25	M6	32,5	14,0	6,4	7,0	6,0
F22015		M8	36,0	15,0	8,4	9,0	8,0
F22016		M10	40,0	18,0	10,5	11,0	10,0
F22017	35	M8	38,5	17,0	8,4	9,0	8,0
F22018		M10	42,5	19,0	10,5	11,0	10,0
F22022		M12	47,5	21,0	13,2	14,0	12,0
F22019	50	M8	42,5	19,0	8,4	9,0	8,0
F22020		M10	46,5	20,0	10,5	11,0	10,0
F22053	70	M12	55,0	22,0	13,2	14,0	12,0



LEGENDA - SOMMAIRE - INDEX - INDEX

A = Morsetto negativo - Borne batterie négatif - Negative battery terminal - Negative batterieklemme

B = Morsetto positivo - Borne batterie positif - Positive battery terminal - Positive batterieklemme

C = Capocorda ad occhiello ø 8 - Cousse lourde à ø 8 - Heavy wire terminal with eyelet ø 8 - Schwerer Kabel schuh mit ø 8

D = Capocorda ad occhiello ø 10 - Cousse lourde à ø 10 - Heavy wire terminal with eyelet ø 10 - Schwerer Kabel schuh mit ø 10

E = Cavo sezione 25 mm² - Cable section 25 mm² - Cable section 25 mm² - Kabelsektion 25 mm²

F = Cavo sezione 35 mm² - Cable section 35 mm² - Cable section 35 mm² - Kabelsektion 35 mm²

G = Cavo sezione 50 mm² - Cable section 50 mm² - Cable section 50 mm² - Kabelsektion 50 mm²

N.B. = IL COPRIMORSETTO E' SEMPRE INCLUSO

N.B. = LE COUVRE SERRE CABLE C'EST TOUJOURS INCLUS

N.B. = THE TERMINAL COVER FOR BATTERY CABLES IS ALWAYS INCLUDED

N.B. = DIE SCHUTZKLEMME IST IMMER EINSCHLIEßLICH

MISURE = Per lunghezze cavi variabili da mm 200 a mm 900 le misurazioni variano di 50 mm in 50 mm.

Es. 200 - 250 - 300 - 350 ... mm

Per lunghezze da 900 a 2000 mm le misure variano di 100 mm in 100 mm.

Es. 900 - 1000 - 1100 - 1200 ... mm

MESURAGES = Pour longueurs de cables variables entre mm 200 jusqu'à mm 900 les mesurages varient de 50 mm en 50 mm.

Ex. 200 - 250 - 300 - 350 ... mm.

Pour longueurs de 900 mm à 2000 mm les mesurages varient de 100 mm en 100 mm. Ex. 900 - 1000 - 1100 - 1200 ... mm.

LENGTHS = For lengths varying cables from 200 mm to 900 mm the measurements change of 50 mm in 50 mm.

ex. 200 - 250 - 300 - 350 mm.

From 900 mm to 2000 mm the measurements change of 100 mm in 100 mm.

Ex. 900 - 1000 - 1100 - 1200... mm.

KABELLÄNGE = Länge von 200 mm bis länge 900 mm, je 50 mm abstand

Z.b. 200 - 250 - 300 - 350... mm

Länge von 900 mm bis länge 2000 mm, je 100 mm abstand

Z.b. 900 - 1000 - 1100 - 1200... mm.

PER ORDINARE
POUR COMMANDER
TO ORDER
ZU BESTELLEN



Es. Cavo L=2000 mm, morsetto positivo, capocorda ø 8, cavo 35 mm².

Ex. Cable L=2000 mm, borne positif, cosse à œillet ø 8, cable 35 mm²

Ex. Cable L=2000 mm, positive terminal, heavy wire ø 8, cable 35 mm²

Zb. Kabel L=2000 mm, positive Batterieklemme, schwerer ø 8, kabel 35 mm².

CODICE RIFERIMENTO IM.EL.

CF. 2000. BC

Costante identificativo

Sezione cavo

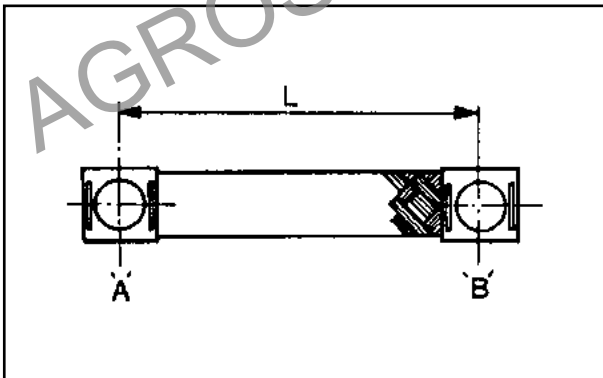
Lunghezza cavo

Morsetto positivo

Capocorda occhiello Ø8

Trecce di massa

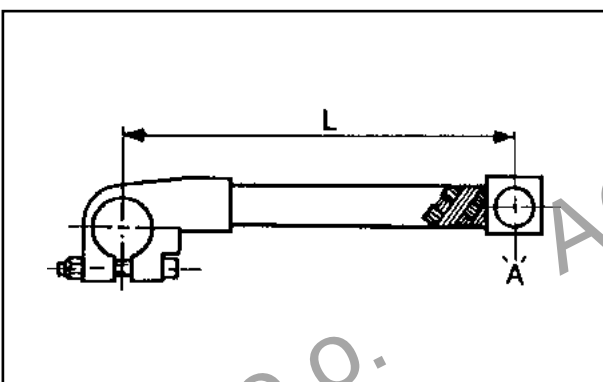
Ground cable
Cables de masse
Massekabel



Art.	A (mm)	B (mm)	L (mm)	Sezione (mm²)
C23251	12,5	12,5	320	25
C23249	12,5	12,5	240	25
C23248	12,5	12,5	400	25
C23245	12,5	12,5	320	50
C23244	12,5	12,5	490	50
C23259	10,5	10,5	400	16

Trecce di massa batteria con morsetto Pb-Sb (-)

Battery mass mate Pb-Sb clip (-)
Tresse de masse batterie avec borne Pb-Sb (-)
Massekabel mit batterieklamme Pb-Sb (-)



Art.	A (mm)	L (mm)	Sezione (mm²)
C23252	12,5	490	25
C23253	12,5	400	25
C23254	10,5	250	25
C23258	10,5	400	25
C23247	8,5	300	25
C23246	10,5	370	25

Connettori tradizionali

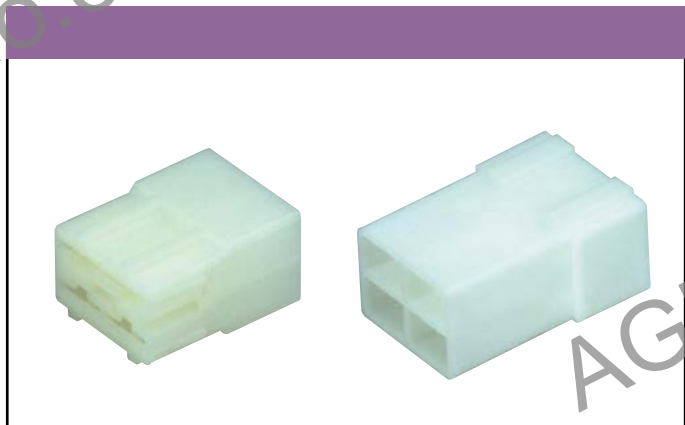
Traditional connectors
Connecteurs traditionnels
Traditioneller Verbinder



Codice/Code		Poli/Ways
Porta Maschio/Male	Porta Femmina/Female	
F22064	F22065	
F22066	F22067	2
F22070	F22071	3
F22072	F22073	4
F22074	F22075	6
F22076	F22077	8
F22078	F22079	11

Connettori giganti

Giant connectors
Connecteurs géants
Großen Verbinder



Codice/Code		Poli/Ways
Porta Maschio/Male	Porta Femmina/Female	
F22103	F22104	4

Connettori porta femmina Mic

Mic male connectors

Connecteurs male Mic

“Mic” Verbinder

Codice/Code	Poli/Ways	Colore/Colours
F23001	5	Bianco/White
F23001.N	5	Nero/Black
F23001.V	5	Verde/Green
F23002	7	Bianco/White
F23002.N	7	Nero/Black
F23002.V	7	Verde/Green
F23003	9	Bianco/White
F23003.N	9	Nero/Black
F23003.V	9	Verde/Green
F23004	11	Bianco/White
F23004.N	11	Nero/Black
F23004.V	11	Verde/Green
F23005	13	Bianco/White
F23005.N	13	Nero/Black
F23005.V	13	Verde/Green
F23006	17	Bianco/White
F23006.N	17	Nero/Black
F23006.V	17	Verde/Green
F23007	21	Bianco/White
F23007.N	21	Nero/Black
F23007.V	21	Verde/Green



Connettori porta maschio Mic

Mic female connectors

Connecteurs femelle Mic

“Mic” Verbinder

Codice/Code	Poli/Ways	Caratteristiche Features
F23008	5	Bianco/White
F23008.C	5	Circuito Stampato/Circuit
F23008.N	5	Nero/Black
F23008.V	5	Verde/Green
F23009	7	Bianco/White
F23009.C	7	Circuito Stampato/Circuit
F23009.N	7	Nero/Black
F23009.V	7	Verde/Green
F23010	9	Bianco/White
F23010.C	9	Circuito Stampato/Circuit
F23010.N	9	Nero/Black
F23010.V	9	Verde/Green
F23011	11	Bianco/White
F23011.C	11	Circuito Stampato/Circuit



Codice/Code	Poli/Ways	Caratteristiche Features
F23011.N	11	Nero/Black
F23011.V	11	Verde/Green
F23012	13	Bianco/White
F23012.C	13	Circuito Stampato/Circuit
F23012.N	13	Nero/Black
F23012.V	13	Verde/Green
F23013	17	Bianco/White
F23013.C	17	Circuito Stampato/Circuit
F23013.N	17	Nero/Black
F23013.V	17	Verde/Green
F23014	21	Bianco/White
F23014.C	21	Circuito Stampato/Circuit
F23014.N	21	Nero/Black
F23014.V	21	Verde/Green

Terminale per connettori Mic

Clip for Mic connectors
Broche pour connecteurs Mic
Steckhülsen für Mic Verbinder

Codice/Code		Caratteristiche/Features
Porta Femmina/Female	Porta Maschio/Male	
F23015.F	F23015.M	0,5 > 1,5
F23016.F	F23016.M	2,5 > 4



Corazza per connettori CPC

Shell for CPC connectors
Corasse pour connecteur CPC
Rüstung für CPC Verbinder

Codice/Code	Poli/Ways	Formato/Dimension	Pos.
F22257	9		1
F22264		17	2
F22269		23	3

CONNETTORI CPC

CPC connectors
Connecteurs CPC
"CPC" Verbinder

Codice/Code		Poli/Ways	Fissaggio/Fixing		Corazza/Shell Pos.
PortaMaschio/Female	PortaFemmina/Male		Parete/Fixed	Volante/movable	
F22258		9	•		1
	F22259	9		•	1
	F22260	14			2
F22261		14		•	2
F22262		16	•		2
	F22263	16		•	2
F22265		24	•		3
	F22266	24		•	3
	F22270	12N+4G		•	3
F22271		12N+4G	•		3
	F22272	20N+2G		•	3
F22273		20N+2G	•		3
F22274		37		•	3
	F22275	37	•		3
	F22276	37		•	3
F22277		37	•		3
F22278		20N+2G		•	3
F22279		12N+4G		•	3

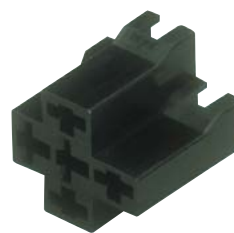
Terminali per CPC

Clip for CPC connectors
Broche pour connecteurs CPC
Steckhülsen für "CPC" Verbinder

Codice/Code		Caratteristiche Features
Maschio/Male	Femmina/Female	
F22267	F22268	Sez. 0.5 - 1.6
F22084	F22085	Sez. 1 - 2.5
F22087	F22086	Sez. 10

Blochetto porta relais a croce

Connectors box for relay
Boitier porte-relais
Kreuzrelais Halter

F22095


F22091

Blochetto 3 vie per lampada asimmetrica

3 ways connector box for asymmetrical bulb
Boitier 3 voies pour ampoule asymétrique
3-Facher asymmetrischer Lampenhalter

Terminali/Clip	Caratteristiche/Features
F22059	Bandiera con gancio/cap

Connettori per elettrovalvola

Electric valve connector
Connecteur pour electrovalve
Verbinder für Elektroventil

Codice/Code	Poli/Ways	LED	Diodo Spegni Arco Diode for switching off	Volt
F22895	3	•	•	12V
F22898	4			12V/24V
F22899	3	•	•	24V
F22900	3			12V/24V



Blocchetto 7 vie per presa a 7 poli

7 ways connector box for 7 ways plug

Boitier 7 voies pour prise à 7 voies

7-poliger Stecker Gehäuse

F22080

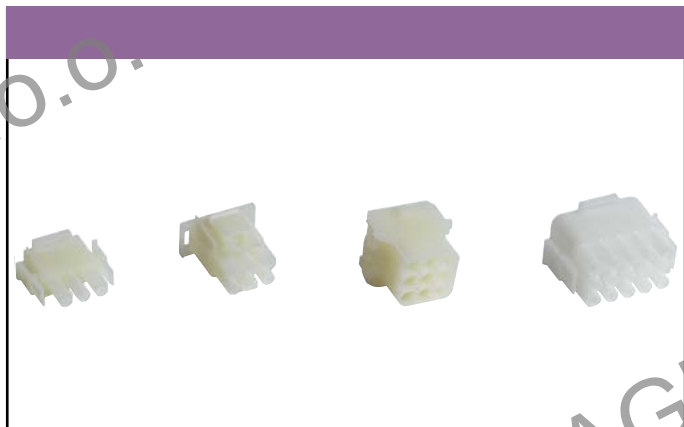


Connettori Mate'n'lock

Mate'n'lock connectors

Connecteurs Mate'n'lock

"Mate'n' lock" Verbinder



Codice/Code		Poli/Ways
Porta Maschio/Male	Porta Femmina/Female	
F22752.M	F22752.F	1
F22753.M	F22753.F	2
F22754.M	F22754.F	3
F22755.M	F22755.F	4
F22756.M	F22756.F	5
F22757.M	F22757.F	6
F22758.M	F22758.F	9
F22759.M	F22759.F	12
F22760.M	F22760.F	15

Contatti per connettori Mate'n'lock

Clip for Mate'n'lock connectors

Broche pour connecteurs Mate'n'lock

Steckhülsen für "Mate'n'lock" Stecker

Codice/Code	
Femmina/Female	Maschio/Male
F22761.F	F22761.M

Connettori Packard S150

Packard connectors
Connecteurs Packard
"Packard" Verbinder



Codice/Code		Poli/Ways
Porta Maschio/Male	Porta Femmina/Female	
F22711	F22710	1
F22702	F22701	2
F22704	F22703	3
F22706	F22705	4
F22708	F22707	5

Terminale per connettori Packard

Clip for Packard connectors
Broche pour connecteurs Packard
Steckhülsen für Packard Verbinder

Codice/Code	
Femmina/Female	Maschio/Male
F22700.F	F22700.M

Codice/Code	Caratteristiche/Features
F22700.G	Gommino/Rubber ring

Connettori Weather-Pack

Weather Pack connectors
Connecteurs Weather Pack
"Weather Pack" Verbinder



Codice/Code		Poli/Ways
Porta Maschio/Male	Porta Femmina/Female	
F23040.P	F23040.S	1
F23041.P	F23041.S	2
F23042.M	F23042.S	3

Contatti per connettori Weather-Pack

Clip for Weather Pack connectors

Broche pour connecteurs Weather Pack

Verbinder Weather-Pack Steckhülsen



Codice/Code	
Femmina/Female	Maschio/Male
F23048.F	F23048.M

Codice/Code	Caratteristiche/Features
F23047	Gommino/Rubber ring

Connettori presa Deutsch serie 15A

Connex water proof connectors socket

Connecteurs prise étanche Connex

"Connex" Wasserdichte Verbindung



Codice/Code	Poli/Ways	Caratteristiche/Features
F22950.P	2	
F22951.P	3	
F22951.PF	3	Pannello flangiato / Panel with flange
F22952.P	4	
F22953.P	6	
F22954.P	8	
F22955.P	12	
F22955.PF	12	Pannello flangiato / Panel with flange

Piastra per blocco contatti-connettore presa

Plate for female connectors blocking

Plaque pour le blocage des connecteurs femelle

Fixierplatte für Blockierung Verbinder



Codice/Code	Poli/Ways
F22950.1	2
F22951.1	3
F22952.1	4
F22953.1	6
F22954.1	8
F22956.1	12

Connettori spina Deutsch a tenuta stagna 15A

Connex water proof connectors plug 15A

Connecteurs fiche étanche Connex 15A

"Connex" Wasserdichte Verbindung 15A

Codice/Code	Poli/Ways
F22950.S	2
F22951.S	3
F22952.S	4
F22953.S	6
F22954.S	8
F22955.S	12



Blocco terminali per connettore spina

Plate for male connectors blocking

Plaque pour le blocage des connecteurs male

Fixierplatte für Verbindungen

Codice/Code	Poli/Ways
F22950.2	2
F22951.2	3
F22952.2	4

Codice/Code	Poli/Ways
F22953.2	6
F22954.2	8
F22956.2	12

Terminale per connettori Deutsch

Clip for Deutsch connectors

Broche pour connecteurs Deutsch

Kontakt für "Deutsch"-Verbindungen

Codice/Code	
Femmina/Female	Maschio/Male
F22961	F22960

Codice Code	Caratteristiche Features
F22970	Otturatore/Obturator

Connettori Deutsch HDP

Deutsch HDP connectors

Connecteurs Deutsch HDP

"Deutsch HDP" Verbinder

Codice/Code		Poli/Ways	Fissaggio/Fixing	
Porta Maschio/Female	Porta Femmina/Male		Pannello Fixed	Volante Movable
F22977		9	•	
	F22978	9		•
	F22985	14		•
F22986		14	•	
	F22986.PPF	14	•	
F22979		18	•	
	F22980	18		•
	F22983	21		•
F22984		21	•	
	F22981	31		•
F22982		31	•	



Terminali per Deutsch HDP

Clip for Deutsch HDP connectors

Broche pour connecteurs Deutsch HDP

Steckhülsen für "Deutsch HDP" Verbinder

Codice/Code		Caratteristiche/Features
Femmina/Female	Maschio/Male	
F23298	F23299	7 A
F22961	F22960	15 A
F22971	F22974	25 A
F22972	F22975	60 A
F22973	F22976	100 A
F22970		Otturatore/Obturator

Corazza per connettore Itt Cannon

Shell for Itt Cannon connectors

Corasse pour connecteur Itt Cannon

Rüstung für "Itt Cannon" Verbinder



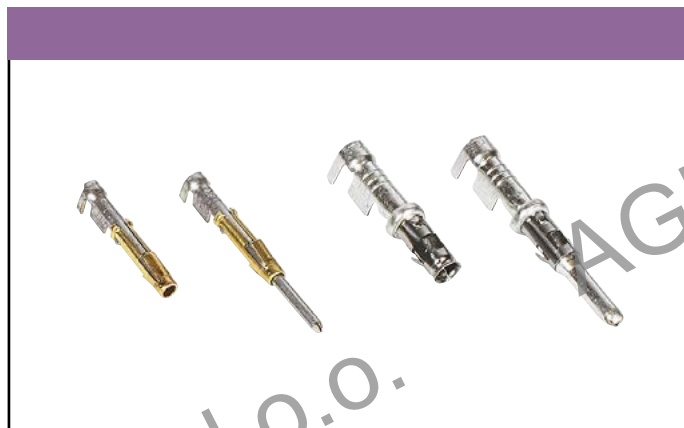
Codice/Code	Poli/Ways	Tenuta Stagna/Water proof
F23357	14	•
F23358	16	•
F23359	24	•
F23360	14	
F23361	16	
F23362	24	
F23360.1	22	

Contatti per Itt Cannon

Contacts for Itt Cannon connectors

Broche pour connecteurs Itt Cannon

Kontakt für "Itt Cannon" Verbindungen



Codice/Code		Caratteristiche/Features
Femmina/Female	Maschio/Male	Potenza/Power
F23390.F	F23390.M	
F23063.F	F23063.M	Segnale/Signal

Connettori Itt Cannon

Itt Cannon connectors

Connecteurs Itt Cannon

"Itt Cannon" Verbinder

Codice/Code	Ampere Poli/Ways Segnale/Signal	Ampere Poli/Ways Potenza/Power	Fissaggio /Fixing	Volante /movable
F23350.PPFJ	20	4	B	
F23350.PPFS	20	4	A	
F23350.PPMJ	20	4	B	
F23350.PPMS	20	4	A	
F23350.VPM	20	4	C	•
F23250.VPF	20	4	C	•
F23351.PPFJ	28	4	B	
F23351.PPFS	28	4	A	
F23351.PPMJ	28	4	B	
F23351.PPMS	28	4	A	
F23351.VPF	28	4	C	•
F23351.VPM	28	4	C	•
F23352.PPFJ	19	12	B	
F23352.PPFS	19	12	A	
F23352.PPMJ	19	12	B	
F23352.PPMS	19	12	A	
F23352.VPF	19	12	C	•
F23352.VPM	19	12	C	•
F23353.PPFJ	48	00	B	
F23353.PPFS	48	00	A	
F23353.PPMJ	48	00	B	
F23353.PPMS	48	00	A	
F23353.VPF	48	00	C	•
F23353.VPM	48	00	C	•
F23354.PPFJ	19	00	B	
F23354.PPFS	19	00	A	
F23354.PPMJ	19	00	B	
F23354.PPMS	19	00	A	
F23354.VPF	19	00	C	•
F23354.VPM	19	00	C	•
F23355.PPFJ	13	2	B	
F23355.PPFS	13	2	A	
F23355.PPMJ	13	2	B	
F23355.PPMS	13	2	A	
F23355.VPF	13	2	C	•
F23355.VPM	13	2	C	•
F23356.PPFJ	12	00	B	
F23356.PPFS	12	00	A	
F23356.PPMJ	12	00	B	
F23356.PPMS	12	00	A	
F23356.VPF	12	00	C	•
F23356.VPM	12	00	C	•



Foto A



Foto B



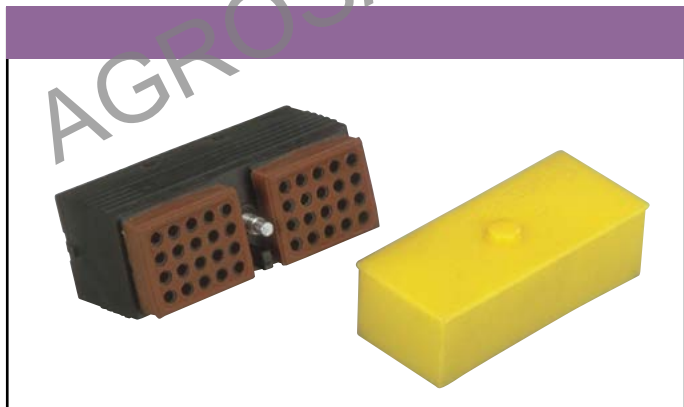
Foto C

Connettore porta femmina a tenuta stagna

40 ways water proof female connector

Connecteur female 40 voies étanche

Wasserdichte 40-polige Female Verbinder



Codice/Code	Poli/Ways	Tenuta Stagna/Water proof
F22957	40	•
F22959	70	•

Connettore porta maschio a tenuta stagna

40 ways water proof male connector

Connecteur male à 40 voies étanche

Wasserdichter 40-poliger Male Verbinder



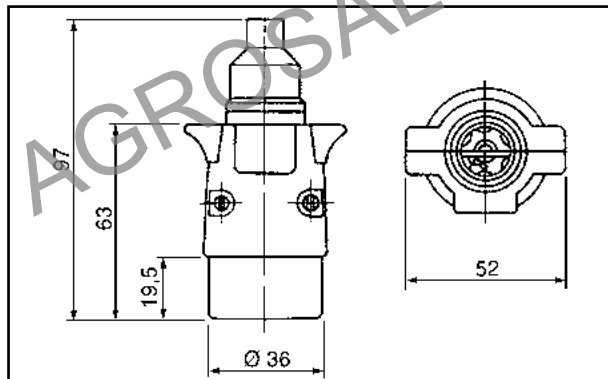
Codice/Code	Poli/Ways	Tenuta Stagna/Water proof
F22958	40	•
F22962	70	•

Spina 7 poli 12V

7 ways plug 12V

Fiche 7 voies 12V

7 Poliger Stecker 12V



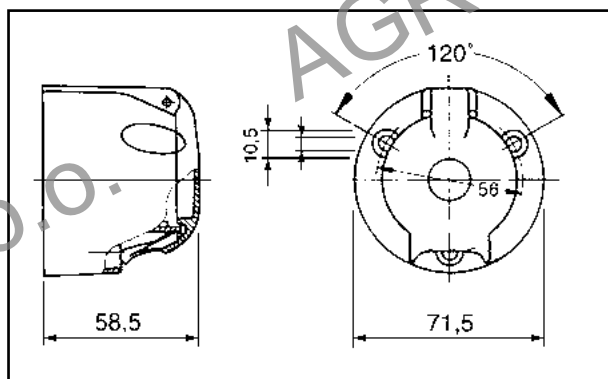
Codice/Code	Caratteristiche/Features
S20001	Plastica/Plastic
S20028	Alluminio/Aluminium

Presca 7 poli 12V

7 ways socket 12V

Fiche 7 voies 12V

7 Poliger Steckdose 12V



Codice/Code	Caratteristiche/Features
P19001	Attacco a vite*/connection screw
P19001.L	Attacco faston*/connection fin
P19007	Guarnizione/ gasket

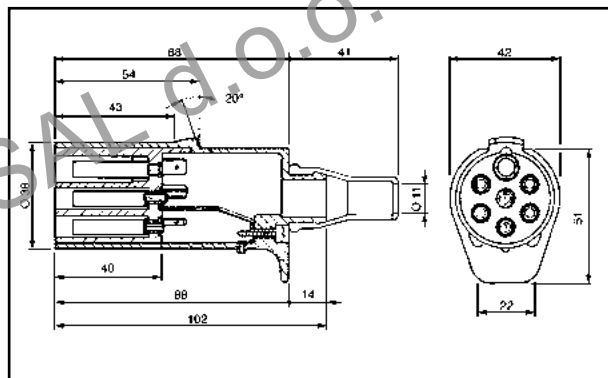
*connection screen

Spina 24V 7 poli in plastica

7 ways plastic plug 24V

Fiche 7 voies 24V en plastique

7 Poliger Plastische Steckdose 24V



S20004



SPINA E PRESA PER VEICOLI TRAINATI

PLUG AND SOCKET FOR DRAGGED VEHICLES - FICHE ET PRISE POUR VEHICULES REMORQUÉS - STECKER UND STECKDOSE FÜR GEZOGENE FAHRZEUGE



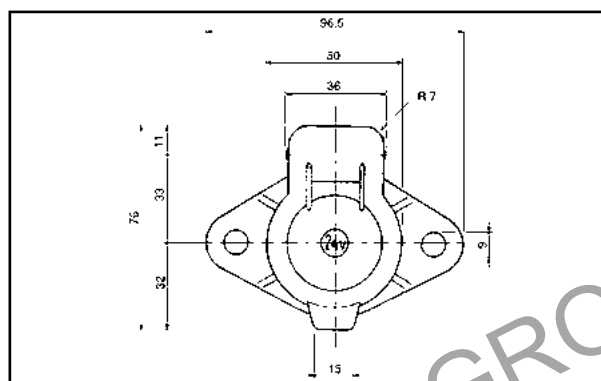
Preso 24V 7 poli in plastica

7ways plastic socket 24V

Prise 7 voies 24V en plastique

7 Poliger Plastische Steckdose 24V

P19004



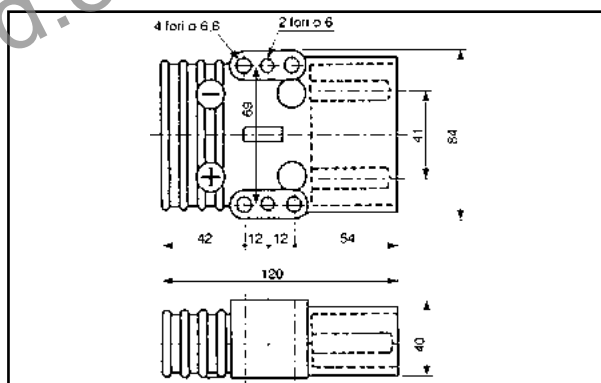
Spina 160A tipo SBC

Plug 160A type SBC

Fiche 160A type SBC

Stecker 160A Typ SBC

S20013



Codice/Code	Caratteristiche/Features
S20013.1	Coppia contatti/ Pin couple
S20013.2	Contatto maschio/Male pin

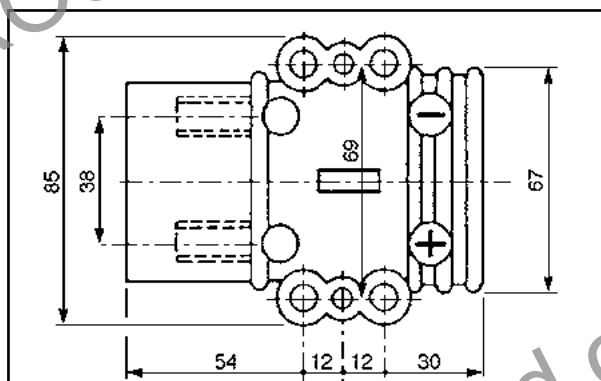
Preso 160A tipo PBC

Socket 160A type PBC

Prise 160A type PBC

Steckdose 160A Typ PBC

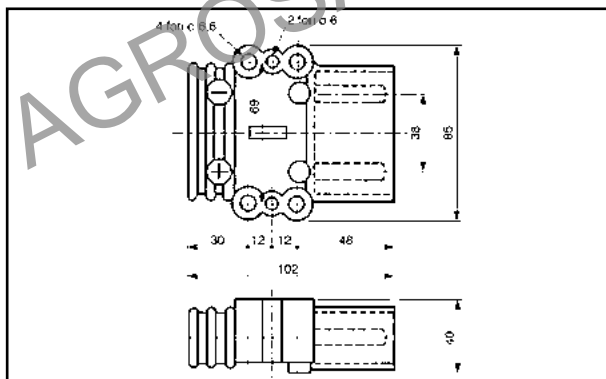
P19011



Codice/Code	Caratteristiche/Features
P19011.2	Contatto fem./ female clip

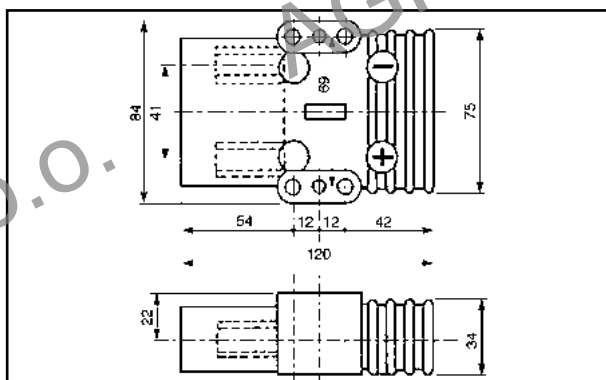
Spina 320A tipo SBC

Plug 320A type SBC
Fiche 320A type SBC
Stecker 320A typ SBC



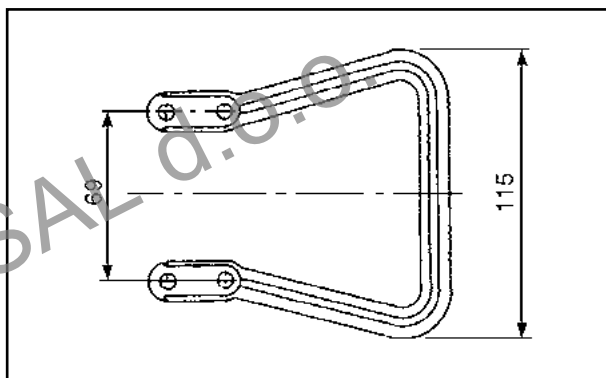
Presca 320A tipo PBC

Socket 320A type PBC
Prise 320A type PBC
Steckdose 320A typ PBC



Maniglia estrazione per spina SBC 160/320A

Extraction handle for SBC plug 160/320A
Poignée de extraction pour fiche SBC 160/320A
Abziehenshandgriff für stecker SBC 160/320A



S20015



Codice/Code	Caratteristiche/Features
S20015.A	Contatti/Pin

P19012



Codice/Code	Caratteristiche/Features
P19012.A	Contatto /Pin



Codice/Code	Caratteristiche/Features
S20016	Nera/Black
S20016.R	Rossa/Red

SPINA E PRESA PER VEICOLI TRAINATI

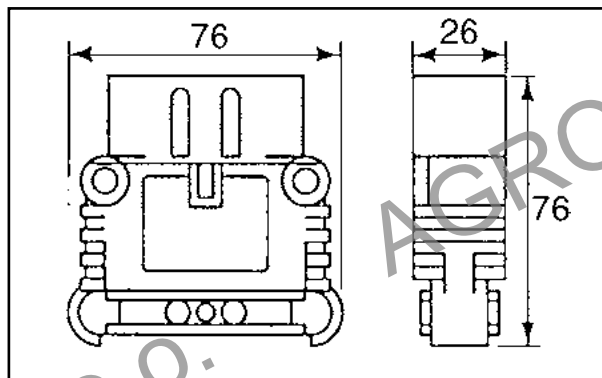
PLUG AND SOCKET FOR DRAGGED VEHICLES - FICHE ET PRISE POUR VEHICULES REMORQUÉS - STECKER UND STECKDOSE FÜR GEZOGENE FAHRZEUGE



Spina tipo SBC 80A

Plug 80A type SBC
Fiche 80A type SBC
Stecker 80A typ SBC

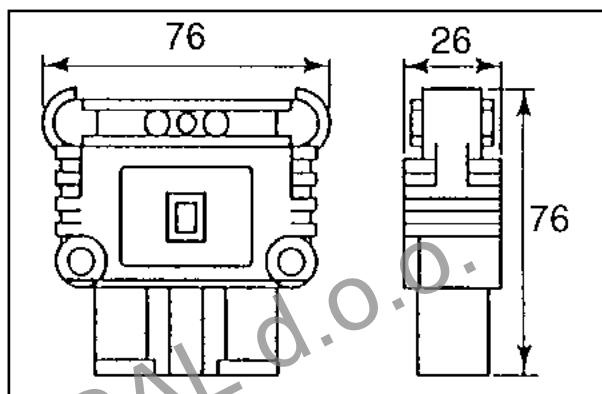
S20017



Preso tipo BPC 80A

Socket 80A type BCP
Prise 80A type BPC
Steckdose 80A typ BPC

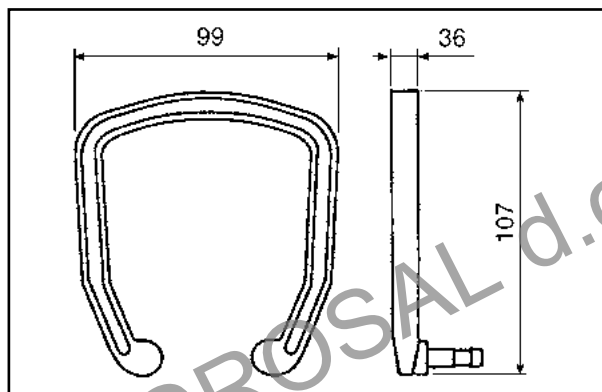
P19016



Maniglia estrazione per spina SBC 80A

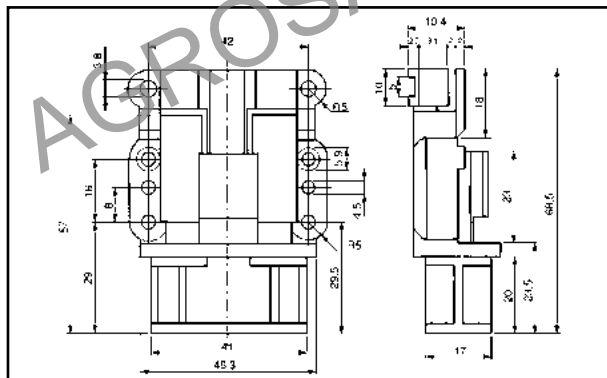
Extraction handle for SBC plug 80A
Poignée de extraction pour fiche SBC 80A
Abziehenshandgriff für stecker SBC 80A

S20018



Spina tipo NF 80A

Plug 80A type NF
Fiche 80A type NF
Stecker typ NF 80A



S20019



Codice/Code

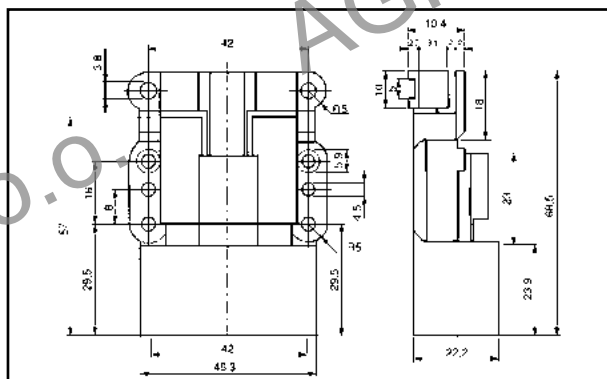
S20019.1

Caratteristiche/Features

Contatto maschio/Male clip

Presca tipo NF 80A

Socket 80A type NF
Prise 80A type NF
Steckdose typ NF 80A

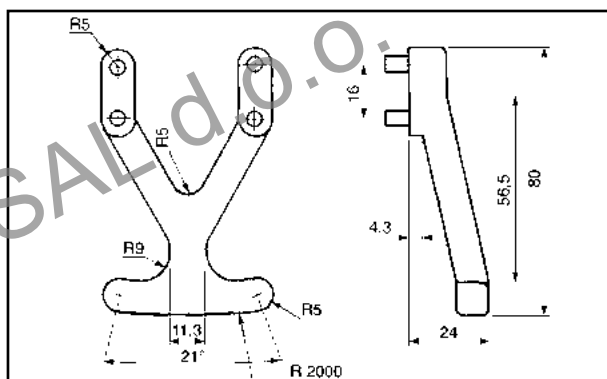


P19017



Maniglia estrazione per spina NF 80A

Extraction handle for NF plug 80A
Poignée de extraction pour fiche NF 80A
Abziehenshandgriff für Stecker NF 80A



S20029



SPINA E PRESA PER VEICOLI TRAINATI

PLUG AND SOCKET FOR DRAGGED VEHICLES - FICHE ET PRISE POUR VEHICULES REMORQUÉS - STECKER UND STECKDOSE FÜR GEZOGENE FAHRZEUGE

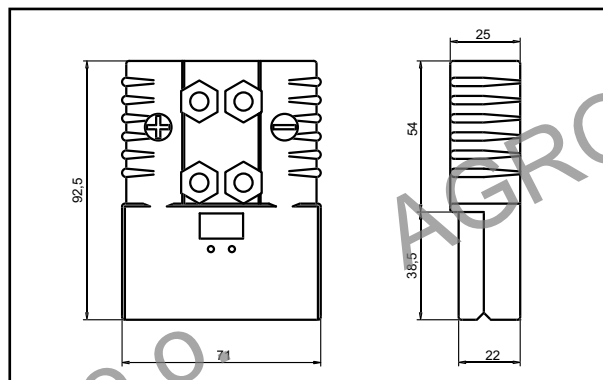


Spina tipo SBE

Plug type SBE

Fiche type SBE

Stecker typ SBE



Codice/Code	Caratteristiche/Features
S20033	160A Verde/Green
S20034	320A Nera/Black

Maniglia estrazione per spine SBE 160/320A

Extraction handle for SBE plug 160/320A

Poignée de extraction pour fiche SBE 160/320A

Abziehenshandgriff für Stecker SBE 160/320A



Codice/Code	Caratteristiche/Features
S20035	160A Rossa/Red
S20036	160A Nera/Black

Preso-Spina 175A

Socket-Plug 175A

Prise-Fiche 175A

Steckdose - Stecker 175A

Codice/Code	Colore/Colours
P19023	Grigia/Grey
P19034	Rossa/Red

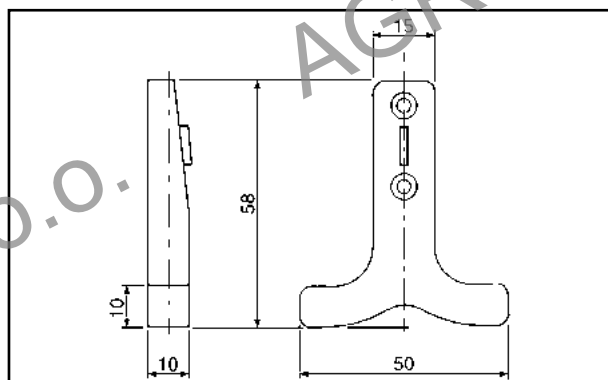


Manglia estrazione per spina 50A

Extraction handle for plug 50A

Poignée de extraction pour fiche 50A

Abziehenshandgriff für Stecker 50A



S20031



Preso-Spina 50A

Socket-Plug 50A

Prise-Fiche 50A

Steckdose - stecker 50A

Codice/Code	Descrizione/Description
P19006.R	Rossa/Red
P19006	Grigia/Grey
P19006.1	Contatto/Pin



SPINA E PRESA PER VEICOLI TRAINATI

PLUG AND SOCKET FOR DRAGGED VEHICLES - FICHE ET PRISE POUR VEHICULES
REMORQUÉS - STECKER UND STECKDOSE FÜR GEZOGENE FAHRZEUGE



Preso in alluminio attacco 2 faston

Alluminium socket with 2 pin

Prise in alluminium avec 2 broches

Alluminiumsteckdose mit 2 Verbindungsstücke

P19010



Spina 3 poli 12/24V

3 ways plug 12/24V

Fiche 3 ways 12/24V

3 Poliger Stecker 12/24V

S20020



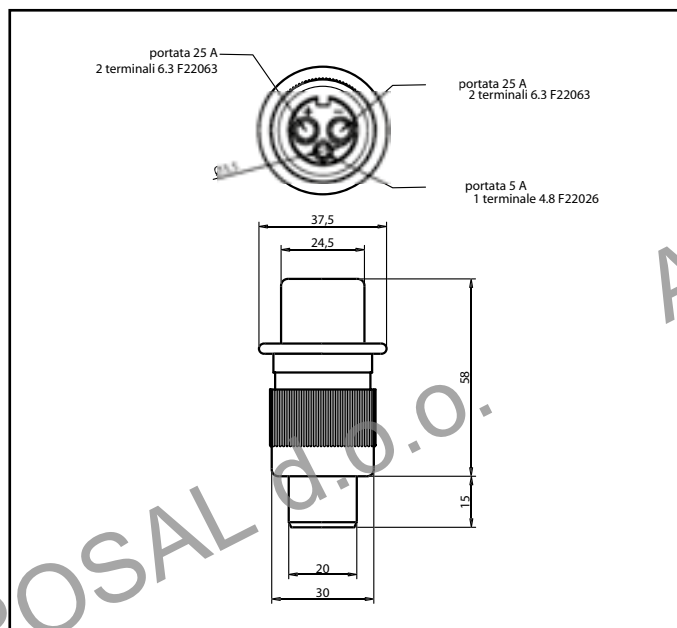
Preso 3 poli 12/24V

3 ways socket 12/24V

Prise 3 voies 12/24V

3 Poliger Steckdose 12/24V

P19020

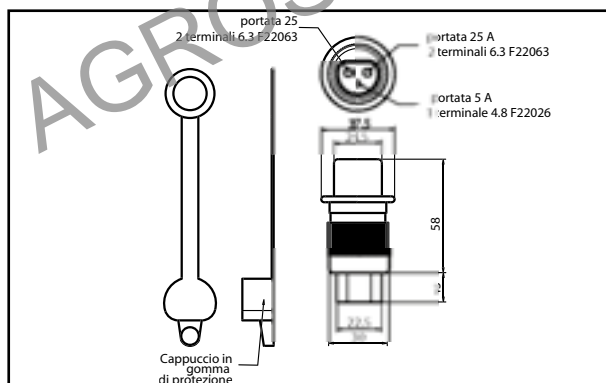


Spina 3 poli

3 ways plug

Fiche 3 voies

3 Poliger Stecker



S20039

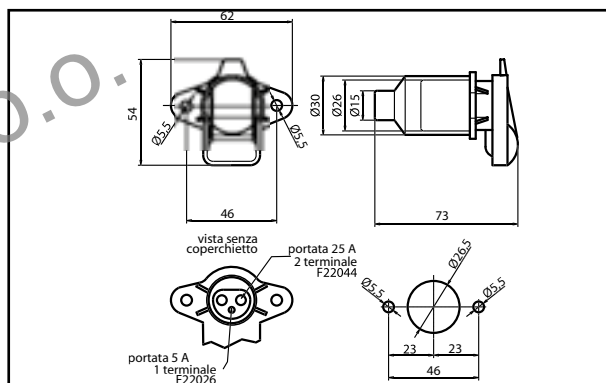


Presa 3 poli

3 ways socket

Prise 3 voies

3 Poliger Stecker



P19026



ACCESSORI PER SPINE E PRESE

ACCESSORIES FOR PLUG AND SOCKET - ACCESSOIRES POUR FICHE ET PRISE -
NEBENSÄCHUCHE FÜR STECKDOSE UND STECKEN



Frutto presa tipo "ILME"

Fruit socket type "ILME"

Fruit prise type "ILME"

Fruchtdose typ ILME



Codice /Code	Poli/Ways	Numerazione
H33008	10	1÷10
H33016	16	1÷16
H33025	16	17÷32
H33034	24	1÷24

Frutto spina tipo "ILME"

Plug type "ILME"

Fiche type "ILME"

Fruchtstecker typ ILME



Codice /Code	Poli/Ways	Numerazione
H33009	10	1÷10
H33017	16	1÷16
H33027	16	17÷32
H33035	24	1÷24

Corpo da incasso con leve tipo "ILME" IP65

Body housing with levers type "ILME" IP65

Corps encastrables avec levier type "ILME" IP65

Gehäusekasten typ "ILME" IP65

Codice /Code	Poli/Ways	Flangia (mm)	H (mm)
H33010	10	44x94	27
H33018	16	44x114	27
H33036	24	44x140	27
H33028	32	90x124	33



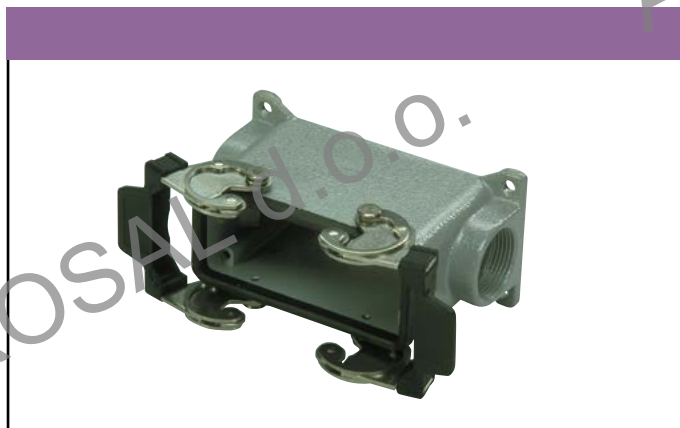
Corpo da parete con leve tipo "ILME" IP65

Body to wall with levers type "ILME" IP65

Corps a paroi avec levier type "ILME" IP65

Gehäusekasten auf der Wand typ "ILME" IP65

Codice /Code	Poli/Ways	Flangia (mm)	H (mm)
H33011	10	57	PG16 cod.M21074.2
H33019	16	63	PG21 cod. M21075.2
H33037	24	63	PG21 cod. M21075.2
H33029	32	90	PG36 cod. M21085.2



ACCESSORI PER SPINE E PRESE

ACCESSORIES FOR PLUG AND SOCKET - ACCESSOIRES POUR FICHE ET PRISE -
NEBENSÄCHUCHE FÜR STECKDOSE UND STECKEN



Corpo uscita orizzontale tipo "ILME" IP65

Body horizontal exit type "ILME" IP65

Corps sortie horizontal type "ILME" IP65

Horizontale Gehäuse typ "ILME" IP65



Codice /Code	Poli/Ways	H (mm)	Raccordo
H33012	10	57	PG16 cod. M21074.2
H33020	16	63	PG21 cod. M21075.2
H33038	24	63	PG21 cod. M21075.2
H33030	32	94	PG36 cod. M21085.2

Corpo uscita verticale tipo "ILME" IP65

Body vertical exit type "ILME" IP65

Corps sortie vertical type "ILME" IP65

Vertikale Gehäuse typ "ILME" IP65



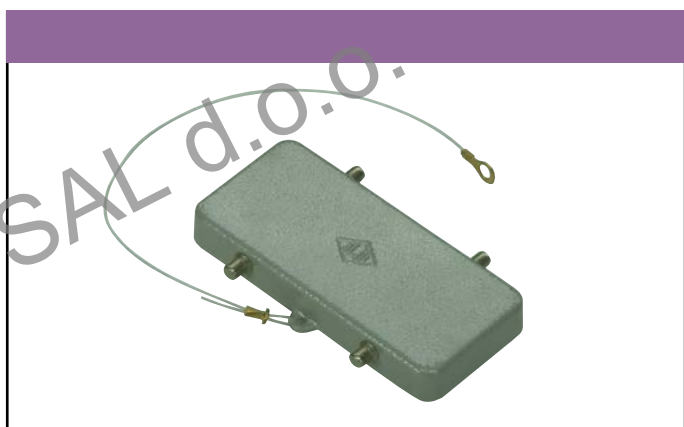
Codice /Code	Poli/Ways	H (mm)	Raccordo
H33013	10	45	PG16 cod. M21074.2
H33021	16	45	PG21 cod. M21075.2
H33039	24	55	PG21 cod. M21075.2
H33031	32	94	PG36 cod. M21085.2

Sportelli di chiusura per custodie con leve tipo "ILME"

Closing door for fixed box with levers type "ILME"

Portes de fermeture pour garde fixe avec leviers type "ILME"

Gehäusedeckel typ "ILME"



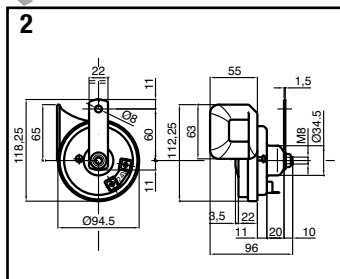
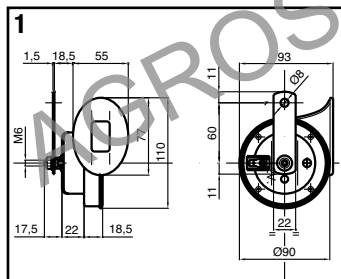
Codice/Code	Poli/Ways
H33015	10
H33023	16
H33041	24
H33033	32

Tromba

Avertisseur sonore

Horn

Hupe



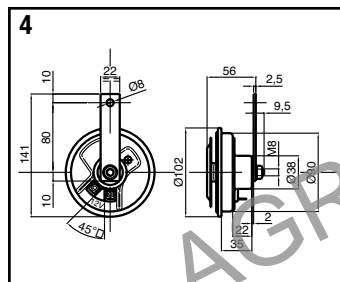
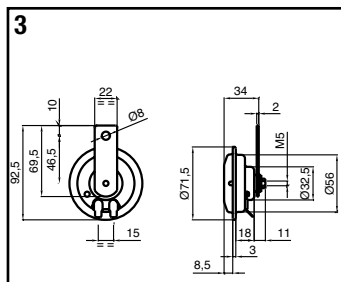
CODE	VOLT	DB	Tipo suono Sound type	DIS Draw.
A27001	12	109	Low	1
A27001.H	12		High	
A27002	24		Low	2
A27002.12V	12		Low	

Clacson

Avertisseur acoustique

Horn

Hupe



CODE	VOLT	DB	Tipo suono Sound type	DIS Draw.
A27094	12	103	K70 high	3
A27003	12	112	K91 high	4
A27004	24			
A27005	48			
A27006	36			
A27105	12	114	K100 High	
A27103	24			

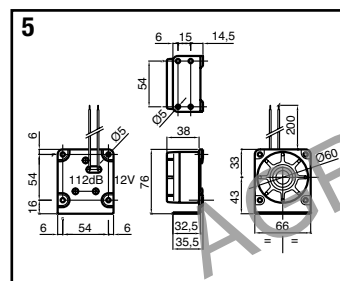


Avvisatore acustico per retromarcia

Reverse gear warning

Avertisseur marche arrière

Summer Rückwärtsgang



CODE	VOLT	DB	Retromarcia Back-up alarm	Suono continuo Continuous signal	Dis Draw.
A27092	12	110	•		5
A27093	24		•		
A27088	12				
A27086	10-100	90	•		

A27087



Suono continuo o intermittente

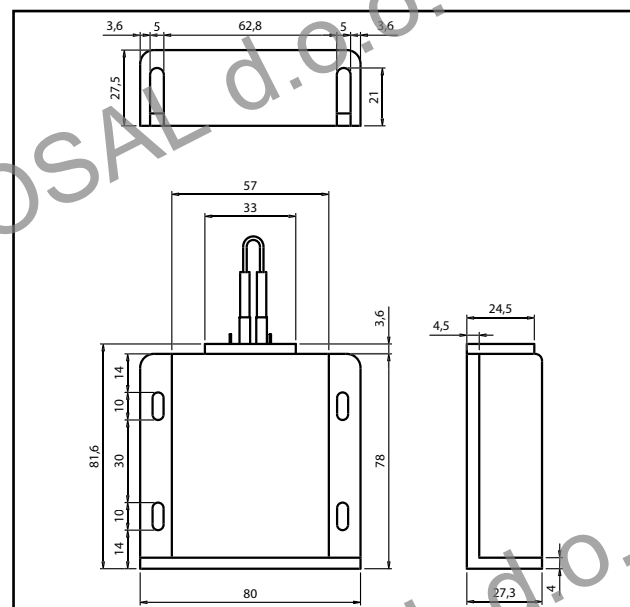
Continuos signal or pulse signal

Avvisatore acustico per retromarcia 10/100V - (82/92DB)

Reverse gear warning 10/100V - (82/92DB)

Avertisseur marche arrière 10/100V - (82/92DB)

Summer Rückwärtsgang 10/100V - (82/92DB)



Piepser



CODE	VOLT	DB	Suono/signal	
			Intermittente/pulse	Continuo/continuous
A27100	4	70		•
	28	85		•
A27112	6	70	•	•
	28	85	•	•
A27114	6	80	•	•
	28	95	•	•

Piepser 9 VOLT DB90



A27102

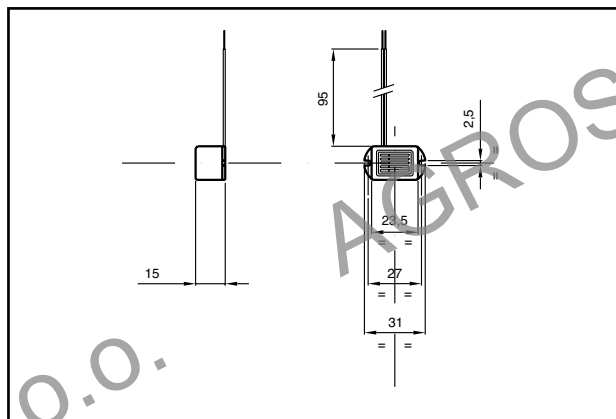


Cicalino rettangolare 12 VOLT DB85

Rectangular buzzer 12 VOLT DB85

Avertisseur sonore rectangulaire 12 VOLT DB85

Recktige Piepser 12 VOLT DB85



A27099

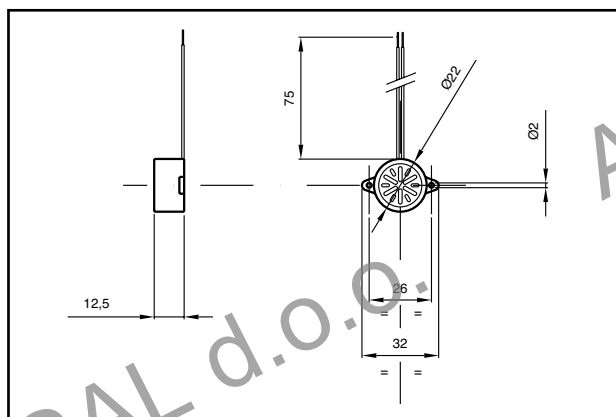


Cicalino 24V DB80

Buzzer 24V DB80

Avvertitore acustico 24V DB80

Piepser 24V DB80



A27107

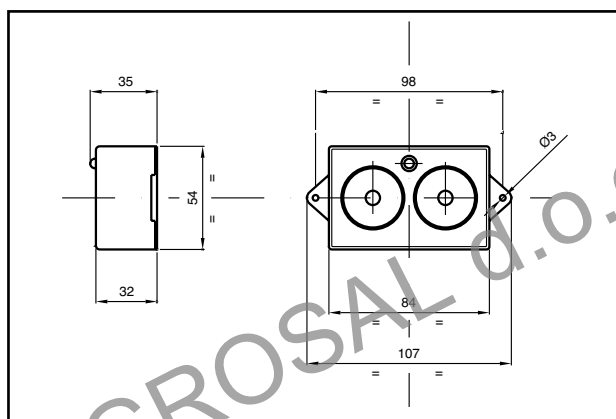


Sirena 12V DB100

Buzzer 12V DB100

Avertisseur acoustique 12V DB100

Sirene 12V DB100



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OSAL d.o.o.

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Cablaggi, connettori,
cappucci e avvisatori acustici

Wiring, Connectors,
Protection Cap & Horn



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