

CATÁLOGO 2016

CATALOGUE



Soluciones electrónicas
para el automóvil

Power-ful solutions for automotive



FIRST
Aftermarket

Innovation
Innovación

Reliability
Fiabilidad

Engagement
Compromiso

Integrity
Integridad

Experience
Experiencia

Social commitment
Labor Social

Evolution
Crecimiento



- Grupo industrial fundado en 1971 por Herminio Navalón, actual Presidente y CEO.

- Más del 18% de los ingresos anuales totales se destinan a la re-inversión en I+D y equipamiento industrial.
- El 99% de los ingresos provienen de sector automotriz desde su fundación.
- Fabricamos equipos electrónicos para el automóvil como Intermitencias, Relés, Temporizadores, Dispositivos Diesel, Módulos Climatización, Bocinas electrónicas, desconectores de batería, etc.
- Somos líderes mundiales en reguladores electrónicos de potencia para aplicaciones en automoción.
- Integración altamente vertical: capaces de llevar a cabo la investigación, desarrollo, validación, fabricación y venta.
- 4 centros de producción, 3 centros de I + D y 6 oficinas de atención al cliente en todo el mundo.



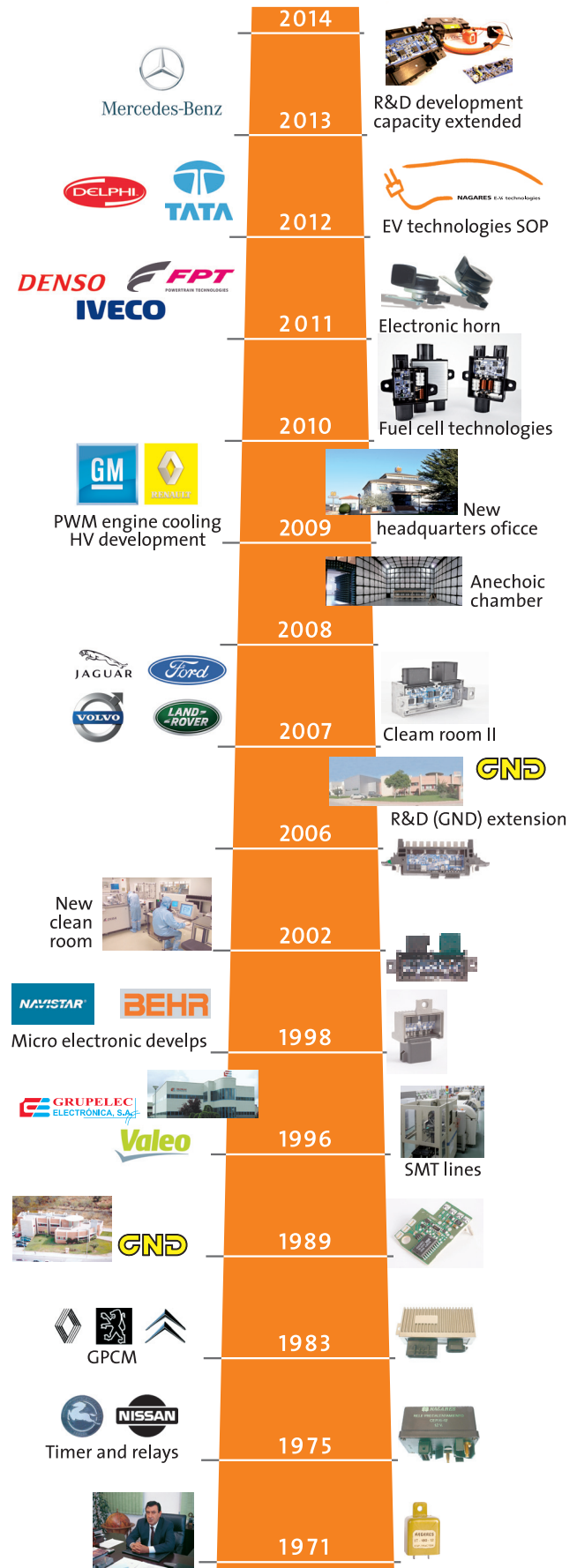
- Nagares Industrial group was founded in 1971 by Herminio Navalón; current Chairman and CEO.

- More than 18% of our total profits are re-invested in R&D and new equipment each year.
- We are focused on the Automotive sector which generates 99% of our total revenue.
- Focused on power electronic regulators for automotive applications such as Flasher units, Relays, Timers, Diesel Devices, HVAC Electronic Modules, Electronic Horns, Battery Disconnects, etc.
- Worldwide leader in electronic power management for automotive applications.
- Highly vertically integrated with the ability to research, develop, validate, manufacture and sell.
- 4 manufacturing centers, 3 R&D centers and 6 sales and customer service offices around the world.



- Groupe industriel fondé en 1971 par Herminio Navalón, Président actuel et CEO.

- Plus de 18% des revenus annuels totaux sont destinés à un ré-investissement en R+D et équipements industriels.
- 99% des revenus proviennent du secteur automobile depuis sa fondation.
- Nous fabriquons des équipements électroniques pour l'automobile tels que des Centrales Clignotantes, Relais, Temporisateurs, Dispositifs Diesel, Modules de Climatisation, Klaxons électroniques, Déconnecteur Batterie, etc.
- Leaders mondiaux en régulateurs électroniques de puissance pour des applications automobiles.
- Nous sommes une entreprise à forte Intégration verticale : De la Recherche, au développement industriel, la validation, jusqu'à la fabrication et la vente.
- Nous disposons de 4 centres de production, 3 centres de R+D et 6 bureaux de représentation dans le monde.



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Módulo Embalaje / Packaging Module / Module d'emballage

Código	Referencia	Unid.	Código	Referencia	Unid.	Código	Referencia	Unid.	Código	Referencia	Unid.	Código	Referencia	Unid.
01001	IT-180-12	10	02386	RLPAS/4-24	10	02813	RLACS/4-24R10	10	04838	FGF/8-12	1	03777	TLT/5-12	1
01036	IT-180-12S	10	02031	RLP/5-12	10	02816	RLAC/4-24D	10	03239	TPD/5-12	1	03298	TLT/5-24	1
01005	ITE-3	10	02026	RLPS/5-12	10	02817	RLACS/4-24D10	10	03608	TPD/5-24	1	03237	TLM/4-12	1
01228	ITES-3	10	02698	RLP/5-12R	10	02412	RLAC/70-24	10	03240	TPD/6-12	1	03293	TLM/4-24	1
01369	ITA/4-12	10	02746	RLPS/5-12R	10	02413	RLAC/52-12	10	03241	TPD/12-12	1	03152	TAA/5-12	1
01370	ITAS/4-12	10	02748	RLP/5-12D	10	02415	RLAC/52-24	10	03355	TPD/7-12	1	03695	TL/3-12 7S	1
01375	ITAR/4-12	10	02749	RLPS/5-12D	10	02136	RL/180-12	1	03413	TRM/12-12	1	03296	TL/3-24 7S	1
01009	ITFE/110-12	10	02059	RLP/5-24	10	02362	RL/80-24	1	03770	TRMB/12-12	1	03352	TIC/5-12 1S	1
01010	ITM/100-12	10	02054	RLPS/5-24	10	02252	RP/120-12	1	03758	TRMC/12-12	1	03329	TIC/5-24 1S	1
01584	ITG/3-12	10	02699	RLP/5-24R	10	02253	RP/100-24	1	03171	TRME/12-12	1	03096	TIC/5-24 5S	1
01126	ITGS/3-12	10	02747	RLPS/5-24R	10	02335	RP250/1-12	1	03759	TRMF/12-12	1	02859	RZE/2-12	10
01378	ITGR/3-12	10	02750	RLP/5-24D	10	02351	RP250/1-24	1	03084	TRMI/12-12	1	02314	RZE/2-24	10
01125	ITGE/3-12	10	02751	RLPS/5-24D	10	02294	ESF/7-12	1	03053	TRMK/12-12	1	02694	AVE/2-12	10
01012	ITH-2	10	02387	RLPA/5-12	10	02020	RLDP/12	10	03172	TRML/12-12	1	02265	AVES/2-12	10
01011	ITH-3	10	02388	RLPAS/5-12	10	02050	RLDP/24	10	03057	TRMR/12-12	1	02695	AVE/2-24	10
01380	ITJ/3-12	10	02389	RLPA/5-24	10	02023	RLP/12-200	10	03147	TRMS/12-12	1	02266	AVES/2-24	10
01381	ITJS/3-12	10	02390	RLPAS/5-24	10	02056	RLP/24-200	10	03672	PPC/5-12	1	02231	RZE/3-12	10
01086	ITGUS/3-12	1	02032	RLP/52-12	10	02780	REPI/4-12	1	03678	PPC/7-12	1	02784	RZE/3-24	10
01092	ILF/4-12	1	02027	RLPS/52-12	10	02183	REV/11-12	1	03882	TPDSG/6-12	1	02416	RZE/4-12	10
01093	ILG/3-12	1	02752	RLP/52-12R	10	02185	REV/11-24	1	03181	PPX/5-12	1	02222	OES/3-12	1
01376	ITA/5-12	10	02753	RLPS/52-12R10	10	02323	REVN/11-24	1	03346	TPDM/32-12	1	02267	RZNS/3-12	1
01377	ITAS/5-12	10	02689	RLP/52-12D	10	02331	RSO/15-12	1	03347	TPDM/34-12	1	02259	PS/6-12	1
01077	ITX/4-12	1	02690	RLPS/52-12D10	10	02309	RDT/3-12	1	03348	TPDM/35-12	1	02260	BHCC/3-12	1
01063	ITXS/4-12	1	02060	RLP/52-24	10	02286	RDT/3-24	1	03349	TPDM/36-12	1	04648	DB/3-24	1
01379	ITG/4-12	10	02055	RLPS/52-24	10	02229	RLPF/52-12	10	03399	TPMS/4-12	1	04624	DB/5-24	1
01359	ITGS/4-12	10	02754	RLP/52-24	10	02701	RLPF/52-12D	1	03400	TPMS/6-12	1	04729	ANX400-12	1
01292	ITVE-3	1	02755	RRLPS/52-2410	10	02097	RLE/4-12DE	1	03210	TLAC/6-12	1	04735	ANX500-12	1
01245	ITR-5	1	02700	RRLP/52-24D10	10	02258	RSE/9-12	1	03289	TLA/6-12	1	04736	ANXT400-12	1
01560	ITRD/6-12	1	02756	RLPS/52-24D10	10	02261	RDE/15-12	1	03458	TLA/6-24	1	04737	ANXT500-12	1
01090	ITD-12/S	1	02391	RLPA/52-12	10	02088	RLR/3-12	1	03411	TPP/8-12	1	04738	ANP400-12	1
01102	ITD-24/S	1	02392	RLPAS/52-1210	10	02087	RLR/52-12	1	03412	TPP/8-24	1	04739	ANP500-12	1
01091	ITD-12/Y	1	02393	RLPA/52-24	10	02290	MRIS/12-20	1	03826	TPK/8-12	1	04765	CANX-12	1
01103	ITD-24/Y	1	02394	RLPAS/52-2410	10	02291	MRIS/24-10	1	03827	TPK/8-24	1	04766	CANXT-12	1
01040	IT-84-24	10	02794	RDP/5-12	10	02288	MRS/12-20	1	03002	TPF/6-12	1	04767	CANP-12	1
01290	IT-84-24S	10	02795	RDPS/5-12	10	02289	MRS/24-10	1	03008	TPPF/6-12	1	04313	MPVN/5-12	1
01043	ITE-3-24	10	02155	RDP/5-12R	10	02410	MRIA/12-20	1	03016	TPPSS/7-12	1	04296	MEC/8-12	1
01042	ITES-3-24	10	02451	RDPS/5-12R	10	02411	MRIA/24-10	1	03339	TPPSS/7-24	1	04531	MECD/8-12	1
01465	ITA/4-24	10	02968	RDP/5-12D	10	02400	RMC/12-20	1	03393	TPDV/04-11	1	04897	MCF/5-12	1
01466	ITAS/4-24	10	02096	RDPS/5-12D	10	02403	RMC/24-10	1	03394	TPDV/06-12	1	02399	REA/4-12	10
01585	ITG/3-24	10	02796	RDP/5-24	10	02401	RMI/12-20	1	03395	TPDV/07-12	1	02236	REA/4-24	10
01169	ITGS/3-24	10	02797	RDPS/5-24	10	02404	RMI/24-10	1	03396	TPDV/28-12	1	02028	REA/5-12	10
01064	ITXS/4-24	1	02190	RDP/5-24R	10	02402	RMD/12-20	1	03397	TPDV/29-12	1	02151	REA/5-25	10
01085	ITG/4-24	10	02191	RDPS/5-24R	10	02405	RMD/24-10	1	03398	TPDV/68-12	1	04694	CDC3/24-12	1
01094	ITGS/4-24	10	02188	RDP/5-24D	10	02406	RMC/12-30	1	03787	TLP/6-12	1	04940	CDC20/24-121	1
01448	ITN/500-24	10	02102	RDPS/5-24D	10	02408	RMC/24-15	1	03782	TLPS/6-12	1	04362	RGU/2-A	1
01234	ITRC-6	1	02395	RLE/4-12	10	02407	RMI/12-30	1	03764	LTP/6-12	1	04685	CTEL/5-12	1
01097	ITRC-11	1	02396	RLES/4-12	10	02409	RMI/24-15	1	03828	TAV/6-12	1	03343	TEL/4-12	1
01066	ITGX/3-12	1	02803	RLE/4-12R	10	04616	ZA1	1	03829	TAR/6-12	1	05477	CTP/24-24	1
01067	ITGXS/3-12	1	02804	RLES/4-12R	10	04617	ZB1	1	03857	TLAX/4-12	1	04415	SON/4	1
04013	2000/12	1	02693	RLE/4-12D	10	04618	ZC1	1	03858	TLFS/4-12	1	04365	NPD/4-12	1
04062	2000/24	1	02807	RLES/4-12D	10	04898	ZCH1	1	03851	TLOD/6-12	1	02228	MAF/4-12	1
02152	RLP/4-12	10	02397	RLE/4-24	10	02181	RLGL/60-12	1	03238	TLM/5-12	1	04566	UBD/16-12	1
02025	RLPS/4-12	10	02398	RLES/4-24	10	02090	RLGL/60-24	1	03783	TLMS/5-24	1	06001	SR445/2-12	1
02737	RLP/4-12R	10	02805	RLE/4-24R	10	02226	RLGT/45-12	1	03830	TLNS/6-12	1	06002	SR446/2-12	1
02738	RLPS/4-12R	10	02806	RLES/4-24R	10	02262	RLGU/45-12	1	03043	TLNS/6-24	1	06003	SR334/3-12	1
02741	RLP/4-12D	10	02808	RLE/4-24D	10	03773	RTP/6-12	1	03327	TLM/6-24	1	06004	SR535/2-12	1
02742	RLPS/4-12D	10	02809	RLES/4-24D	10	03076	CEP/6-12	1	03380	TLM/6-12	1	06005	SR335/2-12	1
02058	RLP/4-24	10	02687	RLAC/4-12	10	03080	BRE/5-12	1	03831	TLI/6-24	1	06006	SR549/3-12	1
02053	RLPS/4-24	10	02763	RLACS/4-12	10	03056	BRE/6-12	1	03166	SUW/8-12	1	06007	SR542/3-12	1
02739	RLP/4-24R	10	02810	RLAC/4-12R	10	03035	BED/7-12	1	03417	TBR/6-12	1	06008	SR520/2-12	1
02740	RLPS/4-24R	10	02811	RLACS/4-12R10	10	03295	BDL/7-12	1	03832	TBN/6-12	1	06009	SR572/3-12	1
02743	RLP/4-24D	10	02814	RLAC/4-12D	10	04083	BFN/14-12	1	03834	TBS/11-12	1	06010	SR332/2-12	1
02744	RLPS/4-24D	10	02815	RLACS/4-12D10	10	04542	FGPR/8-12	1	03776	TBS/12-12	1			
02383	RLPA/4-12	10	02792	RLAC/4-24	10	04538	PBCI/8-12	1	03775	MLM/10-12	1			
02384	RLPAS/4-12	10	02798	RLACS/4-24	10	04809	PBCIF/8-12	1	03772	MLA/10-12	1			
02385	RLPA/4-24	10	02812	RLAC/4-24R	10	03297	RCS/8-12	1	03167	PDL/8-12	1			

Referencias Nuevas / New References / Nouvelles Références

CÓDIGO	REFERENCIA	DESCRIPCIÓN	PAG.
01097	ITRC-11	Intermitencia 12V/24V - Flasher Unit 12V/24V - Centrale Clignotante 12V/24V	13
02412	RLAC/70-24	Relés Potencia Interruptor 24V/70A- Normally Open Power Relays 24V. - Relais Contacteur Puissance 24V/70A	19
02413	RLAC/52-12	Relés Potencia Inversor 12V. 60/70A- Change Over Power Relays 12V. 60/70A - Relais Inverseur Puissance 12V. 60/70A	19
02415	RLAC/52-24	Relés Potencia Inversor 24V. 30/40A- Change Over Power Relays 24V. 30/40A - Relais Inverseur Puissance 24V. 30/40A	19
02410	MRIA/12-20	Micro Relés Inversor 12V. 20/30A- Change Over Power Relays 12V. 20/30A - Relais Inverseur Puissance 12V. 20/30A	23
02411	MRIA/24-10	Micro Relés Inversor 24V. 10/20A- Change Over Power Relays 24V. 10/20A - Relais Inverseur Puissance 24V. 10/20A	23
04898	ZCH1	Conector Potencia Inversor - Power Device Socket - Connecteur Puissance	24
03297	RCS/8-12	Controlador Bujía para Calentamiento Auxiliar - GlowPlug Controller for Auxiliary Heating - Boitier Contrôle Thermoplongeur	26
04538	PBCI/8-12	Módulo de Precalentamiento Diesel - Diesel Pre-Heating - Module Préchauffage Diesel	28
04809	PBCIF/8-12	Módulo de Precalentamiento Diesel - Diesel Pre-Heating - Module Préchauffage Diesel	28
04542	FGPR/8-12	Módulo de Precalentamiento Diesel - Diesel Pre-Heating - Module Préchauffage Diesel	28
04838	FGF/8-12	Módulo de Precalentamiento Diesel - Diesel Pre-Heating - Module Préchauffage Diesel	28
03399	TPMS/4-12	Temporizador de Precalentamiento Diesel - Diesel Pre-Heating Timer - Temporisateur Préchauffage Diesel	30
03400	TPMS/6-12	Temporizador de Precalentamiento Diesel - Diesel Pre-Heating Timer - Temporisateur Préchauffage Diesel	30
03393	TPDV/04-12	Módulo de Precalentamiento Diesel - Diesel Pre-Heating - Module Préchauffage Diesel	32
03396	TPDV/28-12	Módulo de Precalentamiento Diesel - Diesel Pre-Heating - Module Préchauffage Diesel	32
03394	TPDV/06-12	Módulo de Precalentamiento Diesel - Diesel Pre-Heating - Module Préchauffage Diesel	32
03397	TPDV/29-12	Módulo de Precalentamiento Diesel - Diesel Pre-Heating - Module Préchauffage Diesel	32
03395	TPDV/07-12	Módulo de Precalentamiento Diesel - Diesel Pre-Heating - Module Préchauffage Diesel	32
03398	TPDV/68-12	Módulo de Precalentamiento Diesel - Diesel Pre-Heating - Module Préchauffage Diesel	32
03380	TLM/6-12	Temp. Limpiaparabrisas Delantero 12V - Front WindShield Wiper Timer - Temporisateur d'essuie Vite Amier	35
04897	MCF/5-12	Módulo Control Climatización - Control Module Air Conditioning - Module Contrôle Climatisation	41
06001	SR445/2-12	Sensor cigüeñal - Crankshaft Sensor - Capteur Régime	46
06002	SR446/2-12	Sensor cigüeñal - Crankshaft Sensor - Capteur Régime	46
06003	SR334/3-12	Sensor cigüeñal - Crankshaft Sensor - Capteur Régime	46
06004	SR535/2-12	Sensor cigüeñal - Crankshaft Sensor - Capteur Régime	46
06005	SR335/2-12	Sensor cigüeñal - Crankshaft Sensor - Capteur Régime	46
06006	SR549/3-12	Sensor cigüeñal - Crankshaft Sensor - Capteur Régime	46
06007	SR542/3-12	Sensor Árbol de Levas - Camshaft Sensor - Capteur d'arbre à Came	47
06008	SR520/3-12	Sensor Árbol de Levas - Camshaft Sensor - Capteur d'arbre à Came	47
06009	SR572/3-12	Sensor Motor - Engine Management Sensor - Capteur d'impulsion Volant Moteur	47
06010	SR332/2-12	Sensor Temperatura - Temperature Sensor - Capteur de Température	47

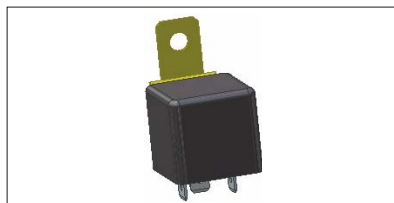
Referencias Anuladas / Canceled Part Numbers / Références Annulées

CÓDIGO	REFERENCIA	DESCRIPCIÓN
04014	1000/12	Conjunto Señalización 12V. 180W. - Hazard Warning Light 12V. 180W. - Ensemble de Signalisation D'urgence 12V. 180W.
04134	1000/24	Conjunto Señalización 24V. 180W. - Hazard Warning Light 24V. 180W. - Ensemble de Signalisation D'urgence 24V. 180W.
03085	TRMP/12-12	Temporizador de Pre-Postcalentamiento - Pre-Post Heating Timer - Temporisateurs de Pre-Postchauffage

Tabla de Soportes / List of Brackets / Tableau de Supports



— Sin soporte. Sujeción por conector o circuito impreso
With no bracket. Connector-or printed circuit- fastened
Sans support. Fixation par connecteur ou par circuit imprimé



Ⓐ Soporte Metálico Vertical, Sujeción por tornillo
Vertical Metal Bracket, Screw-fastened
Support métallique Vertical, Fixation par vis



Ⓑ Soporte Metálico Horizontal, Sujeción por tornillo
Horizontal Metal Bracket, Screw-fastened
Support métallique Horizontal, Fixation par vis



Ⓒ Soportes Varios, plástico, moldeados con tapa
Assorted Plastic Brackets, casted with cover
Divers supports, en plastique, moulés avec couvercle

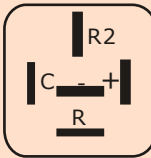
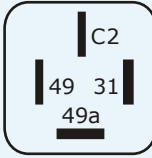
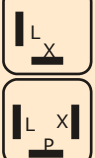
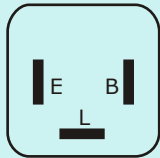


Ⓓ Soporte Metálico. Sujeción por Clip
Metal bracket. Clip-fastened
Support métallique. Fixation par Clip

Tabla de Equivalencia. Posición y Marcado de Terminales según Países

Table of Equivalences. Position and Labeling of Terminals According to Countries

Tableau D'equivalences. Position et Marquage des Bornes Selon les Pays

		PAISES COUNTRIES PAYS	España, Francia, Italia Spain, France, Italy Espagne, France, Italie	Alemania Germany Allemagne	USA, Canada, GB USA, Canada, UK USA, Canada, UK	Japón Japan Japan
TERMINALES	TERMINALS	BORNES	SAE	DIN		
+ Batería	+ Battery	+ Batterie	+	49	x	B
Masa	Earth	Masse	—	31		E
Mando Interm.	Switch	Commutateur	C	49a	L	L
Lámp. Vehículo	Veh. Control Lamp	Voyant Véhicule	R		P	
Lámp. Remolque	Trailer Control Lamp	Lampe Remorque	R2	C2		
						

Intermitencias / Flasher Units / Centrales Clignotantes

12 V Turismos	8
<i>Passenger Cars</i>	
<i>Voitures</i>	
12 V Turismos LED	9
<i>Passenger Cars LED</i>	
<i>Voitures LED</i>	
12 V Turismos con remolque	10
<i>Passenger Cars with Trailer</i>	
<i>Voitures avec Remorque</i>	
12 V Motos	10
<i>Motorbike</i>	
<i>Motos</i>	
12 V Tractores	11
<i>Tractors</i>	
<i>Tracteurs</i>	
Autobuses	11
<i>Buses</i>	
<i>Bus</i>	
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24 V Veh. Ind. con Remolque	13
<i>Ind. Vehicles with Trailer</i>	
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24 V Camiones	13
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Intermitencia 12 V. Carretillas	14
<i>Flasher Units 12 V. ForkLift Trucks</i>	
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Señalización de emergencia	14
<i>Hazard Warning Light</i>	
<i>Signalisation D'urgence</i>	

NOTA:

Algunas de estas familias de intermitencias están disponibles en versión transparente. Si está interesado en ellas, por favor, consúltenos.

REMARK:

Some families of these flasher units are available in a transparent version. If you are interested on them, please, consult us.

REMARQUE:

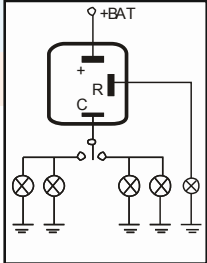
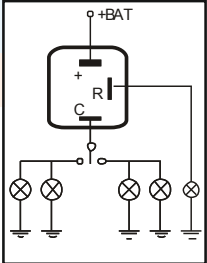
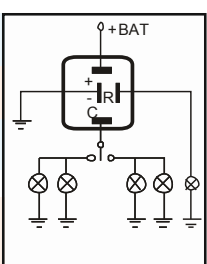
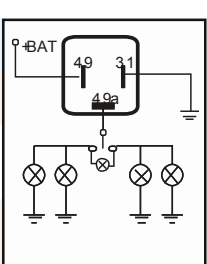
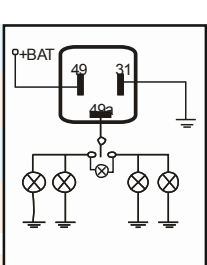
Quelques familles de Centrales Clignotantes sont disponibles en version transparente. Si vous êtes intéressés, veuillez nous consulter.

Intermitencias / Flasher Units / Centrales Clignotantes

1

Intermitencia 12V Turismos sin remolque

Flasher Units 12V Passenger cars
Centrales Clignotantes 12V Vehicules Utilitaires Legers


DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	WATTS	NORM	CONEXIONES
 Intermitencia 12 V. Sin Detección de Lámpara Fundida <i>Flasher Unit 12V. No Fused Lamp Warning</i> <i>Central Clignotante 12 V. Sans Détection Lampe Défectueuse</i> CITRÖEN, FIAT, NISSAN, PEUGEOT-TALBOT, RENAULT, SEAT	01001	IT-180-12	A	12 V	180 W	SAE	
	01036	IT-180-12S	-	12 V	180 W	SAE	
 Intermitencia 12V. ConDetección por Apagado Lámpara <i>Flasher Unit 12V With Fused Lamp Detection (lamp switch off)</i> <i>Centrale Clignotant 12V Avec Détection Lampe Défectueuse (par éteint de lampe)</i> CITRÖEN, FIAT, NISSAN, PEUGEOT-TALBOT, RENAULT, SEAT	01005	ITE-3	A	12 V	2(4)X21W+0..4W	SAE	
	01228	ITES-3	-	12 V	2(4)X21W+0..4W	SAE	
 Intermitencia 12V. ConDetección por Aumento Pulsaciones <i>Flasher Unit 12V. With Fused Lamp Detection (increased speed)</i> <i>Centrale Clignotante 12V. Avec Détection Lampe Défectueuse (Cadencia)</i> CITRÖEN : Dyane, Méhari, Axel, 2CV, LN, Visa, GS, BX, CX, C15, C25, C35. PEUGEOT : 104, 204, 205, 304, 305, 504, 504, 604, J5, J7, J9. RENAULT : Todos los Modelos Excepto Espace, FIAT, SEAT 30 x 30 mm	01369	ITA/4-12	A	12 V	2(4)X21W+0..4W	SAE	
	01370	ITAS/4-12	-	12 V	2(4)X21W+0..4W	SAE	
	01375	ITAR/4-12	B	12 V	2(4)X21W+0..4W	SAE	
 Intermitencia 12 V. Sin Detección de Lámpara Fundida <i>Flasher Unit 12V. No Fused Lamp Warning</i> <i>Central Clignotante 12 V. Sans Détection Lampe Défectueuse</i> ALFA ROMEO, AUDI, BMW, FORD, OPEL, PORSCHE, RENAULT Espace, SAAB, WV PEUGEOT : 106, 306, 309, 405, 605, 806, Partner, Expert CITRÖEN: AX, ZX, Xantia, XM, Saxo, Evasión	01009	ITFE/110-12	D	12 V	110 W	DIN	
	01010	ITM/100-12	-	12 V	100 W	DIN	
 Intermitencia 12V. ConDetección Lámp. Fundida Aumento Pulsac. <i>Flasher Unit 12V. With Fused Lamp Detection (increased speed)</i> <i>Centrale Clignotante 12V. Avec Détection Lampe Défectueuse (Cadencia)</i> ALFA ROMEO, AUDI, BMW, FORD, OPEL, PORSCHE, RENAULT Espace, SAAB, WV PEUGEOT : 106, 306, 309, 405, 605, 806, Partner, Expert CITRÖEN: AX, ZX, Xantia, XM, Saxo, Evasión 30 x 30 mm	01584	ITG/3-12	A	12 V	2(4)X21W+0..4W	DIN	
	01126	ITGS/3-12	-	12 V	2(4)X21W+0..4W	DIN	
	01378	ITGR/3-12	B	12 V	2(4)X21W+0..4W	DIN	
	01125	ITGE/3-12	D	12 V	2(4)X21W+0..4W	DIN	

Intermitencias / Flasher Units / Centrales Clignotantes

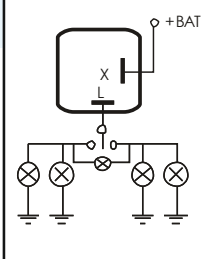
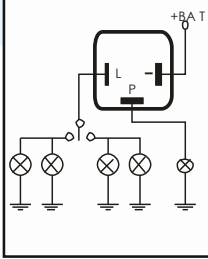
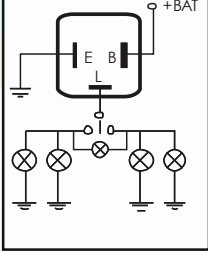
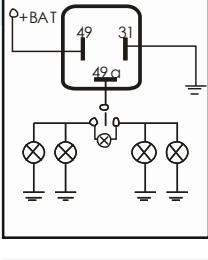
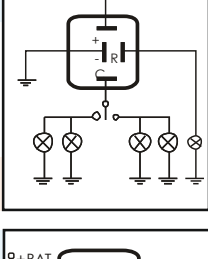
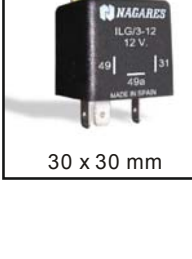
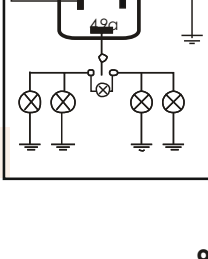
Intermitencia 12V Turismos sin Remolque

Flasher Units 12V Passenger Cars

Centrales Clignotantes 12V Vehicules Utilitaires Legers



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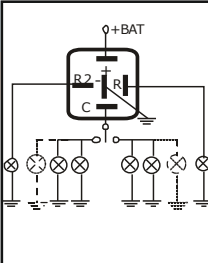
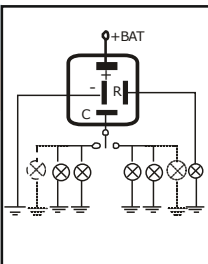
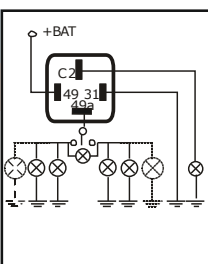
DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	WATTS	NORM	CONEXIONES
 Intermitencia 12 V. Sin Detección de Lámpara Fundida <i>Flasher Unit 12V. No Fused Lamp Warning</i> <i>Central Clignotante 12 V. Sans Détection Lampe Défectueuse</i> AUSTIN, CHRYSLER, MORRIS, ROVER	01012	ITH-2	A	12 V	180 W	XL	
 Intermitencia 12 V. Sin Detección de Lámpara Fundida <i>Flasher Unit 12V. No Fused Lamp Warning</i> <i>Central Clignotante 12 V. Sans Détection Lampe Défectueuse</i> AUSTIN, CHRYSLER, MORRIS, ROVER	01011	ITH-3	A	12 V	180 W	XLP	
 Intermitencia 12V. Con Detección Lámp. Fundida Aumento Pulsac. <i>Flasher Unit 12V. With Fused Lamp Detection (increased speed)</i> <i>Centrale Clignotante 12V. Avec Détection Lampe Défectueuse (Cadencia)</i> NISSAN, SUZUKI, HONDA	01380	ITJ/3-12	A	12 V	2(4)x21W+2x4W	JAP	
	01381	ITJS/3-12	-	12 V	2(4)x21W+2x4W	JAP	
 Intermitencia 12V. Lamp 23W. Con Detección por Aumento Pulsac. <i>Flasher Unit 12V. Lamp 23W. With Fused Lamp Detection (increased speed)</i> <i>Centrale Clignotante 12V. Lampe 23W. Avec Détection Lampe Défectueuse (Cadence)</i> USA	01086	ITGUS/3-12	A	12 V	2(4)x23W + 0.4W	DIN	
 Intermitencia 12V. LED <i>Led Flasher Unit 12V.</i> <i>Centrale Clignotante 12V. LED</i> UNIVERSAL / STANDARD / UNIVERSEL	01092	ILF/4-12	A	12 V	LED	SAE	
 Intermitencia 12V. LED <i>Led Flasher Unit 12V.</i> <i>Centrale Clignotante 12V. LED</i> UNIVERSAL / STANDARD / UNIVERSEL	01093	ILG/3-12	A	12 V	LED	DIN	

Intermitencias / Flasher Units / Centrales Clignotantes

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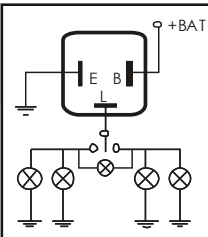
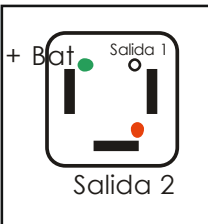
Intermitencia 12V Turismos con Remolque

Flasher units 12V Passenger Cars with Trailer
Centrales Clignotantes 12V Vehicules Utilitaires avec Remorque


DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	WATTS	NORM	CONEXIONES
 Intermitencia 12V. Con Detección Lámpara Fundida <i>Flasher Unit 12V. With Fused Lamp Detection</i> <i>Centrale Clignotante 12V. Avec Détection Lampe Défectueuse</i> CITROËN, FIAT, NISSAN, PEUGEOT-TALBOT, RENAULT, SEAT	01376	ITA/5-12	A	12 V	2+1(6)x21W + (2)0.4W	SAE	
	01377	ITAS/5-12	-	12 V		SAE	
 Intermitencia 12V. Con Detección Lamp.Fundida (3a2) por Aumento Pulsac. <i>Flasher Unit 12V. With Fused Lamp Detection (3to2) (increased speed)</i> <i>Centrale Clignotante 12V. Avec Détection Lampe Défectueuse (3à2) (Cadencia)</i> ESPECIAL PARA NISSAN	01077	ITX/4-12	A	12 V	2+1(6)x21W + (1)0.4W	SAE	
	01063	ITXS/4-12	-	12 V		SAE	
 Intermitencia 12V. Con Detección Lámpara Fundida <i>Flasher Unit 12V. With Fused Lamp Detection</i> <i>Centrale Clignotante 12V. Avec Détection Lampe Défectueuse</i> AUDI, ALFA ROMEO, BMW, FORD, OPEL, SAAB, VOLVO, VW	01379	ITG/4-12	A	12 V	2+1(6)x21W + (2)0.4W	DIN	
	01359	ITGS/4-12	-	12 V		DIN	

Intermitencia 12V para Motos

Flasher Units 12V Motorbikes
Centrales Clignotantes 12V Motos


 Intermitencia 12V. Con Detección Lamp.Fundida Aumento Pulsac. <i>Flasher Unit 12V. With Fused Lamp Detection (increased speed)</i> <i>Centrale Clignotante 12V. Avec Détection Lampe Défectueuse (Cadencia)</i> KAWASAKI, HONDA, SUZUKI, YAMAHA	01380	ITJ/3-12	A	12 V	2(4) x 21W + 0.4W	JAP	
	01381	ITJS/3-12	-	12 V		JAP	
 Intermitencia Electrónica 12V Volante Magnético. <i>Electronic Devices for MotorBikes</i> <i>Magnetic Steering Wheel</i> <i>Dispositifs Électroniques pour Motos, Volant Magnétique</i> VESPA	01292	ITVE-3	-	12 V	21 + 21W + 0.2W		

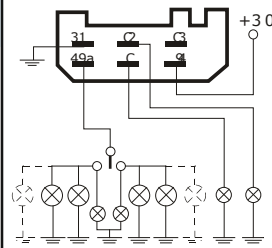
Intermitencias / Flasher Units / Centrales Clignotantes

Intermitencia 12 V. Tractores con Remolque

Flasher Units 12V. Tractors with Trailer

Centrales Clignotantes 12 V. Tracteurs avec Remorque


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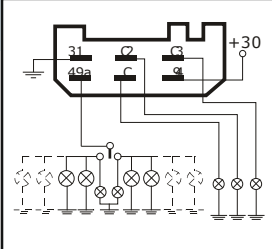
DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	WATTS	CONEXIONES
 Intermitencia 12V. Con Detección Lámpara Fundida <i>Flasher Unit 12V. With Fused Lamp Detection</i> <i>Centrale Clignotante 12V. Avec Détection Lampe Défectueuse</i> UNIVERSAL / STANDARD / UNIVERSEL	01245	ITR-5	C	12 V	(2+1) x 21W + 5W	

Intermitencia 12 V. Tractores con 2 Remolques

Flasher Units 12V. Tractors with 2 Trailers

Centrales Clignotantes 12 V. Tracteurs avec 2 Remorques



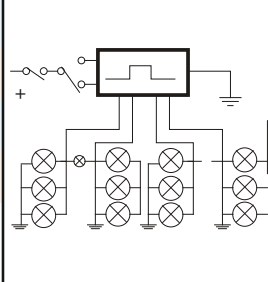
 Intermitencia 12V. Con Detección Lámpara Fundida <i>Flasher Unit 12V. With Fused Lamp Detection</i> <i>Centrale Clignotante 12V. Avec Détection Lampe Défectueuse</i> UNIVERSAL / STANDARD / UNIVERSEL	01560	ITRD/6-12	C	12 V	(2+1+1) x 21W. + 5W + (3)0.4W.	
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Intermitencia Especial para Autobuses

Flasher Units Special for Buses

Centrales Clignotantes Spécial Bus



	Intermitencia Autobuses Doble Destello		01090	ITD-12/S	C	12 V	200W	
	<i>Flasher Units Special for Buses Double Flash</i>		01091	ITD-12/Y	C	12 V	200W	
	<i>Centrales Clignotantes Spécial Bus Double Éclair</i>		01102	ITD-24/S	C	24 V	200W	
			01103	ITD-24/Y	C	24 V	200W	
UNIVERSAL / STANDARD / UNIVERSEL			<i>/Y = Con Conector, With Connector, Avec Connecteur</i>					

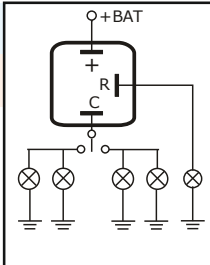
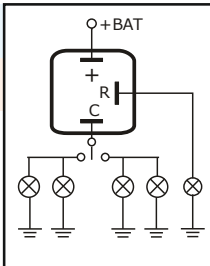
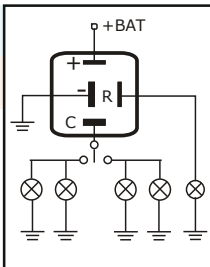
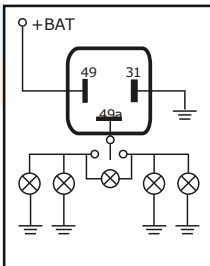
Intermitencias / Flasher Units / Centrales Clignotantes

1 Intermitencia 24V Vehículos Industriales

Flasher Units 24 V Industrial Vehicles

Centrales Clignotantes 24 V Véhicules Industriels



DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	WATTS	NORM	CONEXIONES
 Intermitencia 24V. Sin Detección Lámpara Fundida <i>Flasher Unit 24V. With No Fused Lamp Warning</i> <i>Central Clignotante 24V. Sans Détection Lampe Défectueuse</i> UNIVERSAL / STANDARD / UNIVERSEL	01040	IT-84-24	A	24 V	84 W	SAE	
	01290	IT-84-24S	-	24 V	84 W	SAE	
 Intermitencia 24V. Con Detección por Apagado Lámpara <i>Flasher Unit 24V. With Fused Lamp Detection (lamp switch off)</i> <i>Centrale Clignotant 24V. Avec Détection Lampe Défectueuse</i> UNIVERSAL / STANDARD / UNIVERSEL	01043	ITE-3-24	A	24V	2(4)x21W+0.4W	SAE	
	01042	ITES-3-24	-	24V	2(4)x21W+0.4W	SAE	
 Intermitencia 24V. Con Detección por Aumento Pulsac. <i>Flasher Unit 24V. With Fused Lamp Detection (increased speed)</i> <i>Centrale Clignotant 24V. Avec Détection Lampe Défectueuse (Cadencia)</i> UNIVERSAL / STANDARD / UNIVERSEL	01465	ITA/4-24	A	24V	2(4)x21W+0.4W	SAE	
	01466	ITAS/4-24	-	24V	2(4)x21W+0.4W	SAE	
 Intermitencia 24V. Con Detección por Apagado Lámpara <i>Flasher Unit 24V. With Fused Lamp Detection (lamp switch off)</i> <i>Centrale Clignotant 24V. Avec Détection Lampe Défectueuse</i> UNIVERSAL / STANDARD / UNIVERSEL	01585	ITG/3-24	A	24V	2(4)x21W+0.4W	DIN	
	01169	ITGS/3-24	-	24V	2(4)x21W+0.4W	DIN	

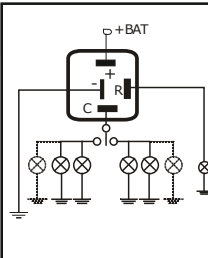
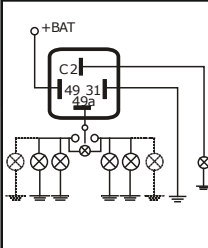
Intermitencias / Flasher Units / Centrales Clignotantes

Intermitencia 24V Vehículos Industriales con Remolque

Flasher Units 24 V Industrial Vehicles with Trailer

Centrales Clignotantes 24 V Véhicules Industriels avec Remorque


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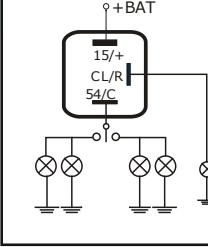
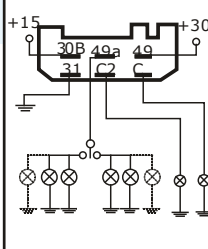
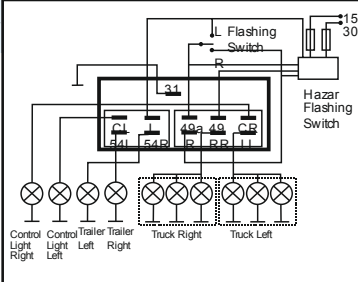
DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	WATTS	NORM	CONEXIONES
 Intermitencia 24V. Con Detección (3 a 2) Aumento Pulsaciones <i>Flasher Unit With Fused Lamp Detection (3 to 2) (increased speed)</i> <i>Centrale Clignotante 24V. Avec Détection Lampe Défectueuse (3 à 2) (Augmentation de la Cadence)</i> UNIVERSAL / STANDARD / UNIVERSEL	01064	ITXS/4-24	-	24 V	2+1(6)x21W + (1)0.4W	SAE	
 Intermitencia 24V. Con Detección Lámpara Fundida <i>Flasher Unit 24V. With Fused Lamp Detection</i> <i>Centrale Clignotante 24V. Avec Détection Lampe Défectueuse</i> UNIVERSAL / STANDARD / UNIVERSEL	01085	ITG/4-24	A	24 V	2+1(6)x21W + (2)0.4W	DIN	
	01094	ITGS/4-24	-	24 V		DIN	

Intermitencia 24 V. Camiones con/sin Remolque

Flasher Units 24 V. Trucks with/without Trailer

Centrales Clignotantes 12 V. Camions avec/sans Remorque



 Intermitencia 24V. Especial Altos Consumos <i>Flasher Unit 24V. High Consumptions</i> <i>Central Clignotante 24V. Hautes Consommations</i> UNIVERSAL / STANDARD / UNIVERSEL	01448	ITN/500-24	A	24V	500 W	SAE	
 Intermitencia 24V. Con Detección por Apagado Lámpara <i>Flasher Unit 24V. With Fused Lamp Detection (lamp switch off)</i> <i>Centrale Clignotant 24V. Avec Détection Lampe Défectueuse (par éteint de lampe)</i> UNIVERSAL / STANDARD / UNIVERSEL	01234	ITRC-6	C	24V	(2+1) x 21W + 5W	DIN	
 Intermitencia 12/24V. <i>Flasher Unit 12/24V.</i> <i>Centrale Clignotant 12/24V.</i> UNIVERSAL / STANDARD / UNIVERSEL	01097	ITRC-11	C	12V 24V	170 W		

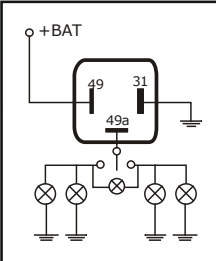
Nueva/New/Nouveau

Intermitencias / Flasher Units / Centrales Clignotantes

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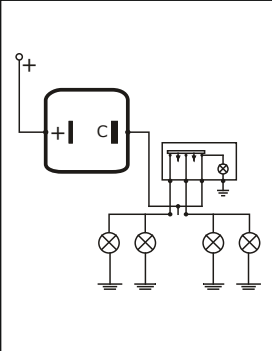
Intermitencia 12 V. Carretillas

Flasher Units 12 V. ForkLift Trucks
Centrales Clignotantes 12 V. Charriots Elevateurs


DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	WATTS	NORM	CONEXIONES
 Intermitencia 12 V. Sin Detección de Lámpara Fundida <i>Flasher Unit 12V. No Fused Lamp Warning</i> <i>Central Clignotante 12 V. Sans Détection Lampe Défectueuse</i> UNIVERSAL / STANDARD / UNIVERSEL	01066	ITGX/3-12	A	12 V	De 3 a 92W.	DIN	
	01067	ITGXS/3-12	-	12 V	De 3 a 92W.	DIN	

Conjunto Señalización de Emergencia

Hazard Warning Light
Emsemble de Signalisation D'urgence


 Conjunto Señalización <i>Hazard Warning Light</i> <i>Emsemble de Signalisation D'urgence</i> UNIVERSAL / STANDARD / UNIVERSEL	04013	2000/12	-	12 V	180W	
	04062	2000/24	-	24 V	500W	

Relés / Relays / Relais

2

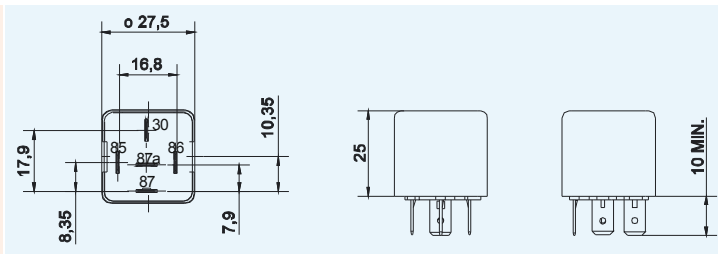
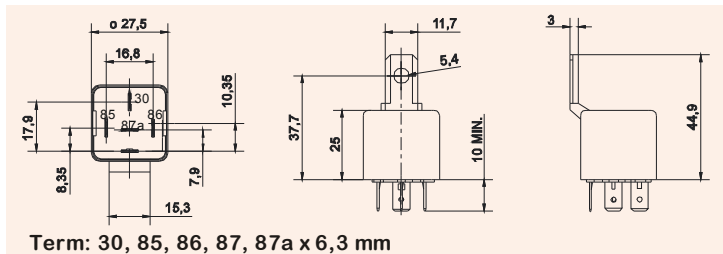
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Relés / Relays / Relais

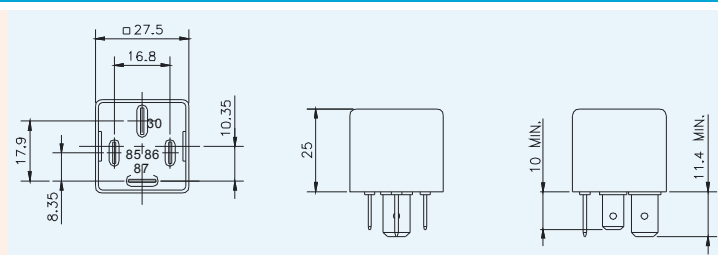
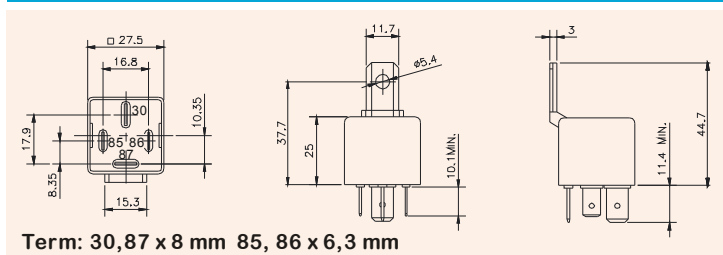
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Plano y Cotas Drawing and Dimensions Plan et Cotes

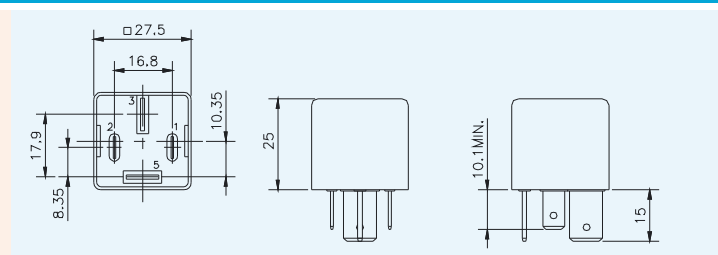
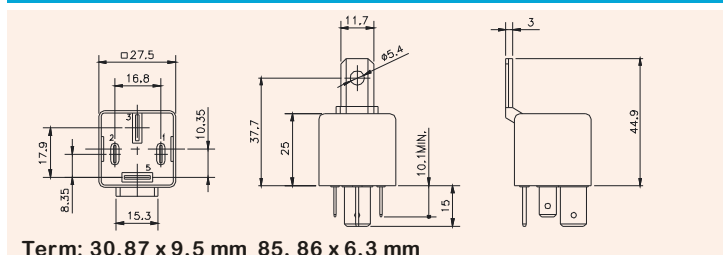
Plano nº 1 / Drawing nº 1 / Plan nº 1



Plano nº 2 / Drawing nº 2 / Plan nº 2



Plano nº 3 / Drawing nº 3 / Plan nº 3



TIPO A	TIPO B	SAE	DIN	Aplicaciones
ISO7588 BMW FORD OPEL VOLVO	ISO8092 ALFA AUDI CITROËN DAIMLER BENZ FIAT MAN NISSAN PEUGEOT	RENAULT ROVER SAAB SEAT SINCA TALBOT VW 3 2 1 5 4	30 85 86 87 87a	Cargas Inductivas y Resistivas Inductive and resistive loads Charges inductives et résistives

Relés / Relays / Relais

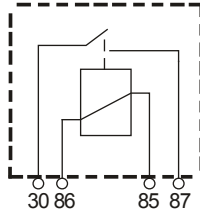
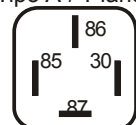
Relés Polivalentes Interruptor

Normally Open Relays Multi-Purpose

Relais Contacteurs Polyvalents

12V/40Amp.
24V/22Amp.

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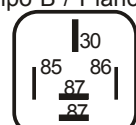
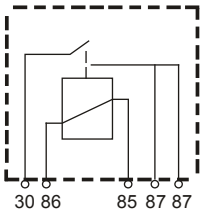
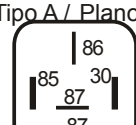
DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOORTE	VOLTS	AMP.	PROTEC.	TIPO	CONEXIONES
 Relé Interruptor <i>Normally Open Relay</i> <i>Relai Contacteur</i>	02152	RLP/4-12	C	12 V	40 A	-	B	Tipo B / Plano 1  5 x 6.3 mm
	02025	RLPS/4-12	-	12 V	40 A	-	B	
	02737	RLP/4-12R	C	12 V	40 A	—	B	
	02738	RLPS/4-12R	-	12 V	40 A	—	B	
	02741	RLP/4-12D	C	12 V	40 A	—	B	
	02742	RLPS/4-12D	-	12 V	40 A	—	B	
	02058	RLP/4-24	C	24 V	22 A	-	B	 30 86 85 87
	02053	RLPS/4-24	-	24 V	22 A	-	B	
	02739	RLP/4-24R	C	24 V	22 A	—	B	
	02740	RLPS/4-24R	-	24 V	22 A	—	B	
	02743	RLP/4-24D	C	24 V	22 A	—	B	
	02744	RLPS/4-24D	-	24 V	22 A	—	B	
UNIVERSAL / STANDARD / UNIVERSEL	02383	RLPA/4-12	C	12 V	40 A	-	A	Tipo A / Plano 1  5 x 6.3 mm
	02384	RLPAS/4-12	-	12 V	40 A	-	A	
	02385	RLPA/4-24	C	24 V	22 A	-	A	
	02386	RLPAS/4-24	-	24 V	22 A	-	A	

Relés Polivalentes Interruptor Doble Salida

Normally Open Relays Multi-Purpose Double Output

Relais Contacteurs Polyvalents Double Sortie

12V/40Amp.
24V/22Amp.

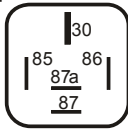
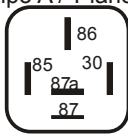
 Relé Interruptor Doble Salida <i>Normally Open Relay Double Output</i> <i>Relai Contacteur Sortie Double</i>	02031	RLP/5-12	C	12 V	40 A	-	B	Tipo B / Plano 1  5 x 6.3 mm
	02026	RLPS/5-12	-	12 V	40 A	-	B	
	02698	RLP/5-12R	C	12 V	40 A	—	B	
	02746	RLPS/5-12R	-	12 V	40 A	—	B	
	02748	RLP/5-12D	C	12 V	40 A	—	B	
	02749	RLPS/5-12D	-	12 V	40 A	—	B	
	02059	RLP/5-24	C	24 V	22 A	-	B	 30 86 85 87 87
	02054	RLPS/5-24	-	24 V	22 A	-	B	
	02699	RLP/5-24R	C	24 V	22 A	—	B	
	02747	RLPS/5-24R	-	24 V	22 A	—	B	
	02750	RLP/5-24D	C	24 V	22 A	—	B	
	02751	RLPS/5-24D	-	24 V	22 A	—	B	
UNIVERSAL / STANDARD / UNIVERSEL	02387	RLPA/5-12	C	12 V	40 A	-	A	Tipo A / Plano 1  5 x 6.3 mm
	02388	RLPAS/5-12	-	12 V	40 A	-	A	
	02389	RLPA/5-24	C	24 V	22 A	-	A	
	02390	RLPAS/5-24	-	24 V	22 A	-	A	

Relés / Relays / Relais

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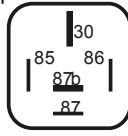
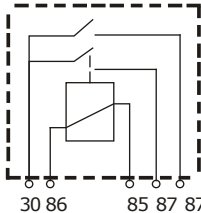
Relés Polivalentes Inversor Change Over Relays Multi-Purpose Relais Polyvalents Inverseur

**12V/40Amp.
24V/22Amp.**

DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	AMP.	PROTEC.	TIPO	CONEXIONES
 Relés Polivalentes Inversores <i>Multi-Purpose Change Over Relays</i> <i>Relais Polyvalents Inverseurs</i>	02032	RLP/52-12	C	12 V	40/15 A	-	B	Tipo B / Plano 1  5 x 6.3 mm
	02027	RLPS/52-12	-	12 V	40/15 A	-	B	
	02752	RLP/52-12R	C	12 V	40/15 A	■	B	
	02753	RLPS/52-12R	-	12 V	40/15 A	■	B	
	02689	RLP/52-12D	C	12 V	40/15 A	◀	B	
	02690	RLPS/52-12D	-	12 V	40/15 A	◀	B	
	02060	RLP/52-24	C	24 V	22/10 A	-	B	
	02055	RLPS/52-24	-	24 V	22/10 A	-	B	
	02754	RLP/52-24R	C	24 V	22/10 A	■	B	
	02755	RLPS/52-24R	-	24 V	22/10 A	■	B	
	02700	RLP/52-24D	C	24 V	22/10 A	◀	B	
	02756	RLPS/52-24D	-	24 V	22/10 A	◀	B	
	02391	RLPA/52-12	C	12 V	40/15 A	-	A	
	02392	RLPAS/52-12	-	12 V	40/15 A	-	A	
UNIVERSAL / STANDARD / UNIVERSEL	02393	RLPA/52-24	C	24 V	22/10 A	-	A	Tipo A / Plano 1  5 x 6.3 mm
	02394	RLPAS/52-24	-	24 V	22/10 A	-	A	

Relés Polivalentes Interruptor Doble Contacto Normally Open Relays Multi-Purpose with Double Contact Relais Polyvalents Contacteurs avec Double Contact

**12V/40Amp.
24V/20Amp.**

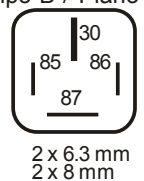
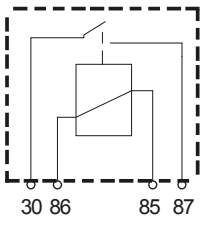
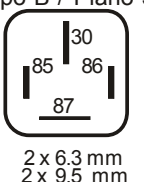
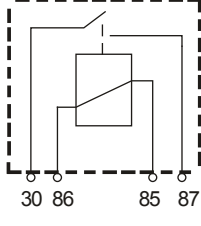
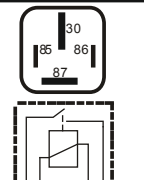
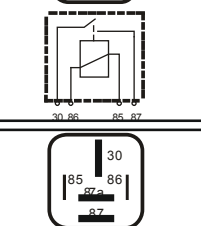
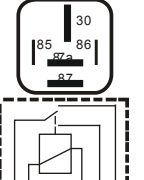
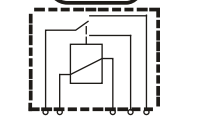
	Relés Polivalentes Interruptor Doble Contacto		02794	RDP/5-12	C	12 V	2x20A	-	B	Tipo B / Plano 1  5 x 6.3 mm
	<i>Multi-Purpose Normally Open Relays with Double Contact</i>		02795	RDPS/5-12	-	12 V	2x20A	-	B	
	<i>Relais Polyvalents Contacteurs avec Double Contact</i>		02155	RDP/5-12R	C	12 V	2x20A	■	B	
			02451	RDPS/5-12R	-	12 V	2x20A	■	B	
			02968	RDP/5-12D	C	12 V	2x20A	◀	B	
			02096	RDPS/5-12D	-	12 V	2x20A	◀	B	
	Relés Polivalentes Interruptor Doble Contacto		02796	RDP/5-24	C	24 V	2x10A	-	B	 30 86 85 87 87b
	<i>Multi-Purpose Normally Open Relays with Double Contact</i>		02797	RDPS/5-24	-	24 V	2x10A	-	B	
	<i>Relais Polyvalents Contacteurs avec Double Contact</i>		02190	RDP/5-24R	C	24 V	2x10A	■	B	
			02191	RDPS/5-24R	-	24 V	2x10A	■	B	
			02188	RDP/5-24D	C	24 V	2x10A	◀	B	
			02102	RDPS/5-24D	-	24 V	2x10A	◀	B	
	UNIVERSAL / STANDARD / UNIVERSEL									

Relés / Relays / Relais

Relés de Potencia Power Relays Multi-Purpose Relais Puissance

12V/50, 70 Amp.
24V/30, 40 Amp.

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DESCRIPCIÓN		CÓDIGO	REFERENCIA	SOPORTE	VOLTS	AMP.	PROTEC.	TIPO	CONEXIONES
	Relés Interruptores	02395	RLE/4-12	C	12 V	50 A	-	B	Tipo B / Plano 2  2 x 6.3 mm 2 x 8 mm 
	<i>Normally Open Relays</i>	02396	RLES/4-12	-	12 V	50 A	-	B	
	<i>Relais Contacteurs</i>	02803	RLE/4-12R	C	12 V	50 A	—	B	
		02804	RLES/4-12R	-	12 V	50 A	—	B	
		02693	RLE/4-12D	C	12 V	50 A	—	B	
		02807	RLES/4-12D	-	12 V	50 A	—	B	
		02397	RLE/4-24	C	24 V	30 A	-	B	
		02398	RLES/4-24	-	24 V	30 A	-	B	
		02805	RLE/4-24R	C	24 V	30 A	—	B	
		02806	RLES/4-24R	-	24 V	30 A	—	B	
		02808	RLE/4-24D	C	24 V	30 A	—	B	
		02809	RLES/4-24D	-	24 V	30 A	—	B	
UNIVERSAL / STANDARD / UNIVERSEL									
	Relés Interruptores	02687	RLAC/4-12	C	12 V	70 A	-	B	Tipo B / Plano 3  2 x 6.3 mm 2 x 9.5 mm 
	<i>Normally Open Relays</i>	02763	RLACS/4-12	-	12 V	70 A	-	B	
	<i>Relais Contacteurs</i>	02810	RLAC/4-12R	C	12 V	70 A	—	B	
		02811	RLACS/4-12R	-	12 V	70 A	—	B	
		02814	RLAC/4-12D	C	12 V	70 A	—	B	
		02815	RLACS/4-12D	-	12 V	70 A	—	B	
		02792	RLAC/4-24	C	24 V	40 A	-	B	
		02798	RLACS/4-24	-	24 V	40 A	-	B	
		02812	RLAC/4-24R	C	24 V	40 A	—	B	
		02813	RLACS/4-24R	-	24 V	40 A	—	B	
		02816	RLAC/4-24D	C	24 V	40 A	—	B	
		02817	RLACS/4-24D	A	24 V	40 A	—	B	
UNIVERSAL / STANDARD / UNIVERSEL									
	Relés de Potencia Interruptores	02412	RLAC/70-24	A	24 V	70 A	-	B	 
	<i>Normally Open Power Relays</i> <i>Relais Contacteur Puissance</i> UNIVERSAL / STANDARD / UNIVERSEL								
	Relés de Potencia Inversores	02413	RLAC/52-12	A	12 V	60/70 A	-	B	 
	<i>Change Over Power Relays</i> <i>Relais Inverseurs Puissance</i> UNIVERSAL / STANDARD / UNIVERSEL	02415	RLAC/52-24	A	24 V	30/40 A	-	B	

Nueva/New/Noveau

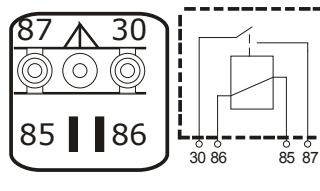
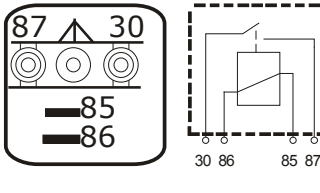
Nueva/New/Noveau

Relés / Relays / Relais

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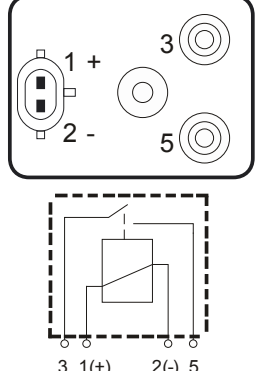
Relés de Potencia Interruptores

Normally Open Power Relays Multi-Purpose
Relais Contacteurs Puissance

DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	AMP.	PROTEC.	TIPO	CONEXIONES
 Relé Interruptor <i>Normally Open Relay</i> <i>Relai Contacteur</i> UNIVERSAL / STANDARD / UNIVERSEL	02136	RL/180-12	C	12 V	100 A			
	02362	RL/80-24	C	24 V	60 A			
 Relé Interruptor <i>Normally Open Relay</i> <i>Relai Contacteur</i> UNIVERSAL / STANDARD / UNIVERSEL	02252	RP/120-12	C	12 V	120 A			
	02253	RP/100-24	C	24 V	100 A			

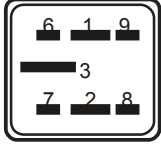
Relés Alta Potencia 12V/300A 24V/200A

High Current Relays
Relais Hautes Puissances

 Relé Interruptor <i>Normally Open Relay</i> <i>Relai Contacteur</i> UNIVERSAL / STANDARD / UNIVERSEL	02335	RP250/1-12	C	12 V	300 A			
	02351	RP250/1-24	C	24 V	200 A			
Aplicaciones: . Desconector batería . Control bombas eléctricas . Comutación de baterías auxiliares . Control calefactores o bujías diesel . Direcciones eléctricas . Control de motores		Applications: . ADR current isolating switch . Electric pumps control . Auxiliary batteries switching . Control of diesel heaters and/or glow plugs . Electric wheel steering . Motor control						

Relés de Estado Sólido

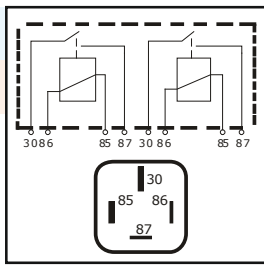
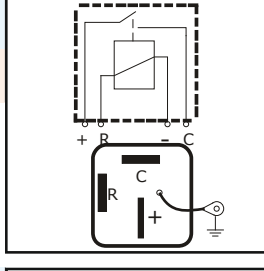
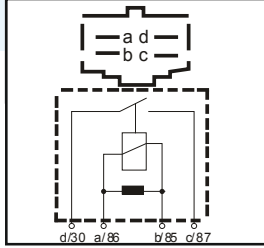
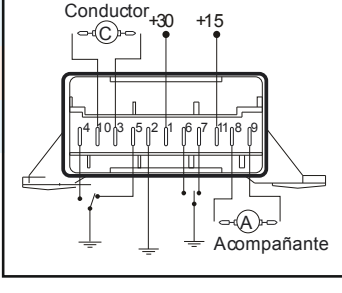
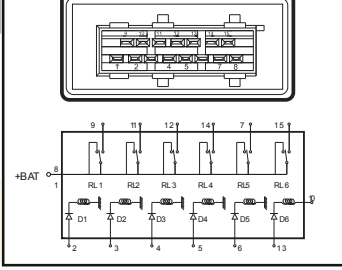
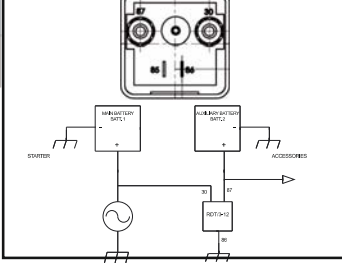
Solid State Relay
Relais Etat Solide

 Relés de Estado Sólido <i>Solid State Relay</i> <i>Relais Etat Solide</i> UNIVERSAL / STANDARD / UNIVERSEL	02294	ESF/7-12	C	12 V	25 A			
	02381	ESIB/1-24	C	24 V	25 A			
		PIN SIGNAL 1 OUT1 2 OUT2 3 VBAT 6 IGN 7 CTRL 8 DIAG 9 -						

Relés / Relays / Relais

Relés Especiales 12/24 V. Special Relays 12/24V. Relais Espéciaux 12/24 V

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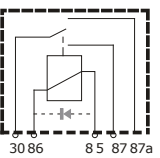
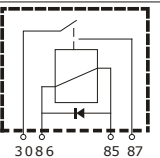
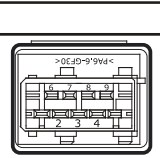
DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	AMP.	PROTEC.	TIPO	CONEXIONES
 Relé Interruptor Doble <i>Normally Open Double Relay</i> <i>Relai Contateur Double</i> UNIVERSAL / STANDARD / UNIVERSEL	02020	RLDP/12	C	12 V	2x40 A	-		
	02050	RLDP/24	C	24 V	2x22 A	-		
 Relé Interruptor con Cable Masa <i>Normally Open Relay with Earth Lead</i> <i>Relai Contacteur avec Cable de Masse</i> UNIVERSAL / STANDARD / UNIVERSEL	02023	RLP/12-200	C	12 V	40 A	-		
	02056	RLP/24-200	C	24 V	22 A	-		
 Relé Interruptor <i>Normally Open Relay</i> <i>Relai Contacteur</i> UNIVERSAL / STANDARD / UNIVERSEL SUZUKI	02780	REPI/4-12	-	12 V	20 A			
 Relés Elevalunas <i>Electric Windows Relays</i> <i>Relais Lève Vitre</i> NISSAN	02183	REV/11-12	C	12 V				
	02185	REV/11-24	C	24 V				
	02323	REV/11-24	C	24 V				
 Relé 6 Salidas <i>6 Outputs Relay</i> <i>Relai 6 Sorties</i> Cableado disponible bajo demanda cliente <i>Wire Harness available under customer demand</i> <i>Câblage disponible sous demande du client</i>	02331	RSO/15-12	C	12 V	30 A			
 Relé Protección Descarga Batería <i>Battery Discharge Protection Relay</i> <i>Relai Protection Décharge Batterie</i>	02309	RDT/3-12	C	12 V	100 A			
	02286	RDT/3-24	C	24 V	60 A			

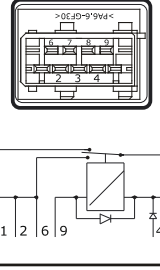
Relés / Relays / Relais

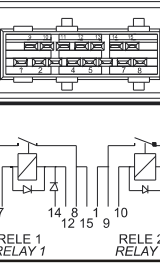
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Relés Estancos 12 V.

Sealed Relays 12 V.
Relais Étanche 12 V

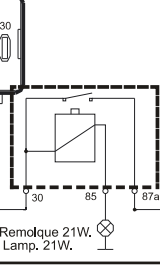
DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	AMP.	PROTEC.	TIPO	CONEXIONES
 Relé Estanco <i>Sealed Relay</i> <i>Relai Étanche</i>	02229	RLPF/52-12	-	12 V	40/15 A	-		
	02701	RLPF/52-12D	-	12 V	40/15 A	◀		
	02097	RLE/4-12DE	A	12 V	50 A	◀		
RENAULT: R5, R9, R11, R21, Express								

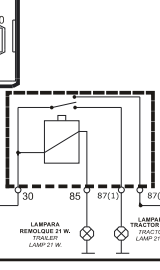
 Relé Estanco <i>Sealed Relay</i> <i>Relai Étanche</i>	02258	RSE/9-12	C	12 V	30/15 A	◀		
PEUGEOT, CITROËN								

 Relé Estanco <i>Sealed Relay</i> <i>Relai Étanche</i>	02261	RDE/15-12	C	12 V	30 A	◀		
PEUGEOT, CITROËN								

Relés Sensor Lámpara Fundida Remolques

Fused Lamp Trailer Detection Relay
Relai Détection Lampe Défectueuse Remorque

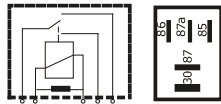
 Relé Sensor Lámpara Fúndida Remolques y Caravanas <i>Fused Lamp Trailer Detection Relay</i> <i>Relai Détection Lampe Défectueuse Remorque</i>	02088	RLR/3-12	C	12 V	2X21 W	-		
UNIVERSAL / STANDARD / UNIVERSEL								

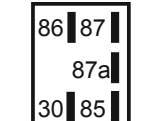
 Relé Sensor Lámpara Fúndida Remolques y Caravanas <i>Fused Lamp Trailer Detection Relay</i> <i>Relai Détection Lampe Défectueuse Remorque</i>	02087	RLR/52-12	C	12 V	2X21 W	-		
UNIVERSAL / STANDARD / UNIVERSEL								

Relés / Relays / Relais

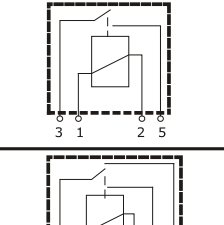
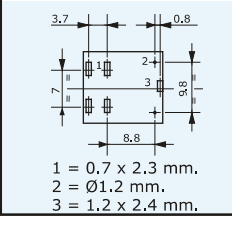
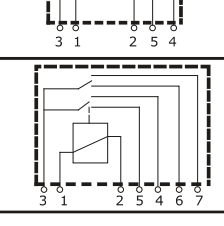
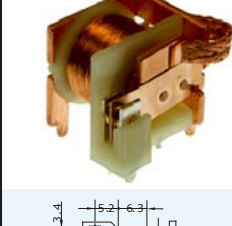
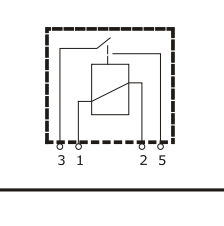
Microrelés Inversor Change Over Micro Relays Micro Relais Inverseurs

2

DESCRIPCIÓN		CÓDIGO	REFERENCIA	VOLTS	AMP.	OHM	CONEXIONES
	Microrelés Inversores con Resistencia <i>Change Over Micro Relays with Resistor</i> <i>Micro Relais Inverseurs avec Resistance</i>	02290	MRIS/12-20	12 V	20/10A.		 30 86 85 87 87a
		02291	MRIS/24-10	24 V	15/6A.		
	Microrelés Interruptores con Resistencia <i>Normal Open Micro Relays with Resistor</i> <i>Micro Relais Contacteurs avec Resistance</i>	02288	MRS/12-20	12 V	22 A.		
		02289	MRS/24-10	24 V	15 A.		
FORD, OPEL RENAULT <i>Universal / Standard / Universel</i>							

	Microrelés Inversores <i>Change Over Micro Relays</i> <i>Micro Relais Inverseurs</i>	02410	MRIA/12-20	12 V	20 / 30 A.		 86 87 87a 30 85
		02411	MRIA/24-10	24 V	10 / 20 A.		
	Nueva/New/Nouveau						
USA							

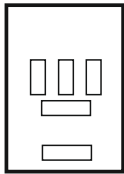
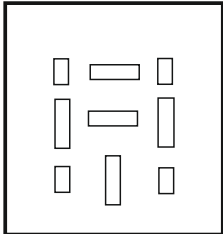
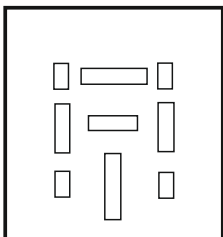
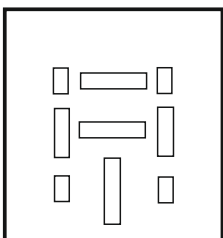
Relés para Circuitos Impresos Printed Circuit Relays Relais pour Circuit Imprimé

 3.7 0.8 2.4 0.8 7 3 8.8 1 = 0.7 x 2.3 mm. 2 = Ø1.2 mm. 3 = 1.2 x 2.4 mm.	Relé Interruptor <i>Normally Open Relay</i> <i>Relai Contacteur</i>	02400	RMC/12-20	12 V	20	85±10	
		02403	RMC/24-10	24 V	10	165±10	
	Relé Inversor <i>Change Over Relay</i> <i>Relai Inverseur</i>	02401	RMI/12-20	12 V	20/10	85±10	
		02404	RMI/24-10	24 V	10/5	165±10	
 3.4 5.2 6.3 1.2 1.4 12 2 1.2 1.4 11 4.2 1 = 1.5x2mm 2 = 1x2.5mm 3 = Ø1.2mm	Relé Inversor con Doble Contacto y Salida. <i>Change Over Relay With Double Contact and Output.</i> <i>Relai Inverseur avec Double Contact et Sortie</i>	02402	RMD/12-20	12 V	20/10	85±10	
		02405	RMD/24-10	24 V	10/5	165±10	
	Relé Interruptor <i>Normally Open Relay</i> <i>Relai Contacteur</i>	02406	RMC/12-30	12 V	30	90±10	
		02408	RMC/24-15	24 V	15	240±10	
 3.4 5.2 6.3 1.2 1.4 12 2 1.2 1.4 11 4.2 1 = 1.5x2mm 2 = 1x2.5mm 3 = Ø1.2mm	Relé Inversor <i>Change Over Relay</i> <i>Relai Inverseur</i>	02407	RMI/12-30	12 V	30/15	90±10	
		02409	RMI/24-15	24 V	15/7.5	240±10	

Relés / Relays / Relais

2

Conector Porta Relés Relays Sockets Connecteur Porte Relais

DESCRIPCIÓN	CÓDIGO	REFERENCIA	VIAS	MATERIAL	PLANO DIMENSIONES
 Conector Micro Relés Micro Relay Socket <i>Connecteur Micro Relais</i>	04616	ZA1	3x4.8 mm 2x6.3 mm	PA6.6	
Para/For/Pour : MRIS/12-20 MRIS/24-10 MRS/12-20 MRS/24-10 MAF/4-12					
 Conector Universal Universal Socket <i>Connecteur Universel</i>	04617	ZB1	4x2.8 mm 5x6.3 mm	PA6.6	
Para/For/Pour: Intermitencias/Flashers/C.Clignotantes IT, ITE, ITA, ITFE, ITM, ITG, ITH, ITJ, ITX, ITVE, ITN Relés/Relays/Relais RLP, RLPA, RDP, RLR, Temporizadores/Timers/Temporisateurs TLP, LTP, TLA, TLF, TLOD, TLM, TLI, TLT, TAA, TL Otros/Others/Autres RZE, OES, RZN, BHCC, REA,					
 Conector Potencia Power Device Socket <i>Connecteur Puissance</i>	04618	ZC1	4x2.8 mm 3x6.3 mm 2x9.5 mm	PA6.6	
Para/For/Pour: Relés/Relays/Relais RLAC, RLE Temporizadores/Timers/Temporisateurs TPF, TPPF, TPPSS					
 Conector Potencia Power Device Socket <i>Connecteur Puissance</i>	04898	ZCH1	4x2.8 mm 2x6.3 mm 3x9.5 mm	PA6.6	
Para/For/Pour: Relés/Relays/Relais RLAC/70-24 RLAC/52-12 RLAC/52-24 Nueva/New/Nouveau Para todos los Relés Inversores For all Change Over Relays Pout tous les Relais Inverseurs					

Dispositivos de Control Diesel / Diesel Control Devices / Dispositifs de Contrôle Diesel

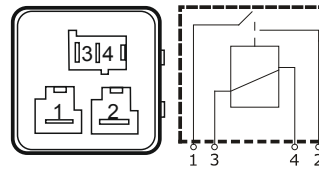
Relés de Precalentamiento	26
<i>Pre-Heating Relays</i>	
<i>Relais de Préchauffage</i>	
Relés de Precalentamiento con Protección CC. Y Diagnosis	26
<i>Pre-Heating Relays with S.C. Protection And Diagnosis</i>	
<i>Relais de Préchauffage avec Protection C.C. Et Diagnostique</i>	
Controlador de Bujía para Calentamiento Auxiliar	26
<i>Glow Plug Controller for Auxiliary Heating</i>	
<i>Boitier Contrôle Thermoplongeur</i>	
Módulos de Precalentamiento Diesel (C.C. Y Diagnosis)	27
<i>DieselPre-Heating (S.C. And Diagnosis)</i>	
<i>Module Préchauffage Diesel (C.C. Et Diagnostique)</i>	
Temporizadores de Precalentamiento	28
<i>Pre-Heating Timers</i>	
<i>Temporisateurs de Préchauffage</i>	

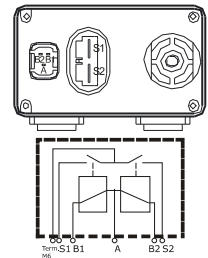
Dispositivos de Control Diesel / Diesel Control Devices / Dispositifs de Contrôle Diesel

3

Relés de Precalentamiento

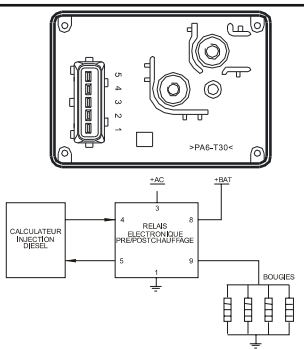
Pre-Heating Relays
Relais de Préchauffage

	CÓDIGO	REFERENCIA	SOPORTE	VOLT	REFERENCIAS CRUZADAS	CONEXIONES
	02181	RLGL/60-12	E	12 V	NISSAN: -25230-69T00	
	02262	RLGU/45-12	G	12 V	NISSAN: -25230-BN300	
	02226	RLGT/45-12	F	12 V	NISSAN: -25230-G2400 NISSAN: -25230-G2450 NISSAN: -25230-G2452	
	02090	RLGL/60-24	E	24 V	NISSAN: -25230-D8701	
	Soportes <i>Brackets</i> <i>Supports</i>					
						

	03773	RTP/6-12	C	12 V	RENAULT: 7700107794 RENAULT: 7700867558 RENAULT: 30872555 RENAULT: 30873658 VOLVO: 30872555 VOLVO: 30873658 GM: 09110178 OPEL: 4402178	
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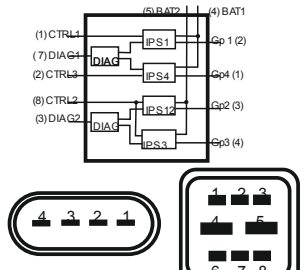
Relé de Precalentamiento con Protección C.C. Y Diagnosis

Pre-Heating Timer with S.C. Protection and Diagnosis
Temp. de Préchauffage avec Protection C.C. Et Diagnostique

	03076	CEP/6-12	C	12 V	OTROEN/PEUGEOT: 548114 OTROEN/PEUGEOT: 548116 OTROEN/PEUGEOT: 598125 OTROEN/PEUGEOT: 598131 OTROEN/PEUGEOT: 598138 OTROEN/PEUGEOT: 548143 OTROEN/PEUGEOT: 9639912580 ALFA ROMEO: 9619039780 ALFA ROMEO: 9639912580 FIAT: 1348881080 FIAT: 9619039780 FIAT: 9639912580 LANCIA: 9619039780	
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Controlador de Bujía para Calentamiento Auxiliar

Glow Plug Controller for Auxiliary Heating
Boitier Contrôle Thermoplongeur

	03297	RCS/8-12	C	12 V	RENAULT: 11067JD50B RENAULT: 8200558438 NISSAN: 11067JD50B NISSAN: 8200558438 MERCEDES: A4479001001 OPEL: 4406678 OPEL: 4420674 OPEL: 93168361 OPEL: 96863895	
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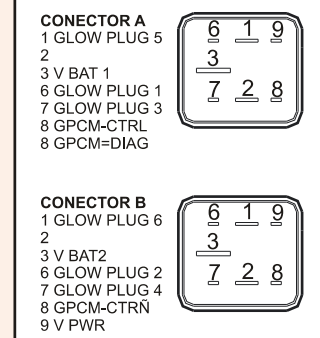
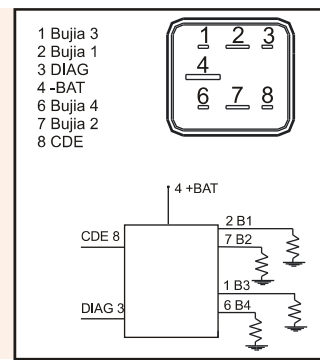
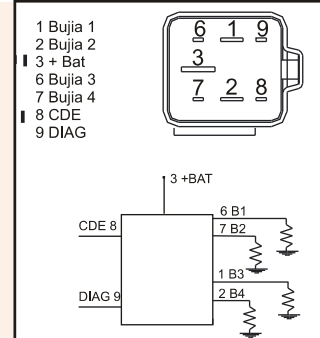
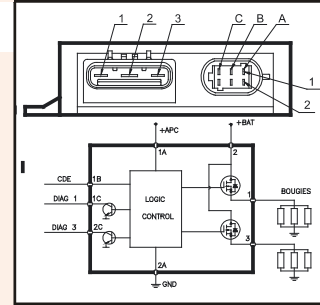
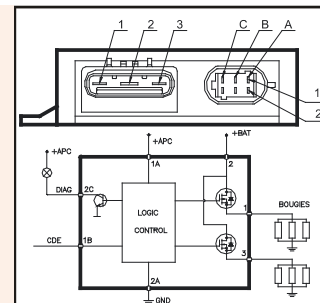
Nueva/New/Nouveau

Dispositivos de Control Diesel / Diesel Control Devices / Dispositifs de Contrôle Diesel

Módulos de Pre calentamiento Diesel (C.C. Y Diagnosis) Diesel Pre-Heating Module (S.C. And Diagnosis) Module Préchauffage Diesel (C.C. Et Diagnostique)

3

	CÓDIGO	REFERENCIA	SOPORTE	VOLT	REFERENCIAS CRUZADAS	CONEXIONES
	03080	BRE/5-12	C	12 V	RENAULT: GM: OPEL:	7700109860 09108385 4400385
	03056	BRE/6-12	C	12 V	RENAULT: GM: OPEL:	7700109860 09108385 4400385
		Equivalente BRE/3-12				
	03035	BED/7-12	C	12 V	RENAULT: GM: GM: NISSAN: NISSAN: OPEL: OPEL: DACIA:	7700115078 9116721 9201699 1067BN700 -77001-15078 4506156 4409990 6001546572
	03295	BDL/7-12	C	12 V	CITROËN: CITROËN: NISSAN: RENAULT: PEUGEOT: PEUGEOT: GM: OPEL:	598140 9640469680 11067JD50A 9640469680 9640469680 9645668680 93858431 4416764
	04083	BFN/14-12	C	12 V	NAVISTAR: FORD: MOTORCRAFT	1828565C1 YC3Z12B533AA DY876



Dispositivos de Control Diesel / Diesel Control Devices / Dispositifs de Contrôle Diesel

3

Módulos de Precalentamiento Diesel (C.C. y Diagnosis) Diesel Pre-Heating Module (S.C. and Diagnosis) Module Préchauffage Diesel (C.C. et Diagnostique)

	CÓDIGO	REFERENCIA	SOPORTE	VOLT	REFERENCIAS CRUZADAS		CONEXIONES																								
	04538	PBCI/8-12	C	12 V	PSA: FORD: LAND ROVER: JAGUAR:	5981.44 9663824880 AV61-12A343-BA AV61-12A343-BA	1 2 3 4 5 6 7 8 <table><tr><td>1</td><td>GLOWLUG3(B)</td><td>BOUGE3(B)</td></tr><tr><td>2</td><td>GLOWLUG1(B)</td><td>BOUGE1(B)</td></tr><tr><td>3</td><td>DAG</td><td>DAG</td></tr><tr><td>4</td><td>+BAT</td><td>+BAT</td></tr><tr><td>5</td><td>GND</td><td>GND</td></tr><tr><td>6</td><td>GLOWLUG4(B)</td><td>BOUGE4(B)</td></tr><tr><td>7</td><td>GLOWLUG2(B)</td><td>BOUGE2(B)</td></tr><tr><td>8</td><td>CTRL</td><td>CDE</td></tr></table>	1	GLOWLUG3(B)	BOUGE3(B)	2	GLOWLUG1(B)	BOUGE1(B)	3	DAG	DAG	4	+BAT	+BAT	5	GND	GND	6	GLOWLUG4(B)	BOUGE4(B)	7	GLOWLUG2(B)	BOUGE2(B)	8	CTRL	CDE
1	GLOWLUG3(B)	BOUGE3(B)																													
2	GLOWLUG1(B)	BOUGE1(B)																													
3	DAG	DAG																													
4	+BAT	+BAT																													
5	GND	GND																													
6	GLOWLUG4(B)	BOUGE4(B)																													
7	GLOWLUG2(B)	BOUGE2(B)																													
8	CTRL	CDE																													
	04809	PBCIF/8-12	C	12 V	FORD: FORD:	1693301 9M5Q-12A343-AA	1 2 3 4 5 6 7 8 <table><tr><td>1</td><td>GLOWLUG3(B)</td><td>BOUGE3(B)</td></tr><tr><td>2</td><td>GLOWLUG1(B)</td><td>BOUGE1(B)</td></tr><tr><td>3</td><td>DAG</td><td>DAG</td></tr><tr><td>4</td><td>+BAT</td><td>+BAT</td></tr><tr><td>5</td><td>GND</td><td>GND</td></tr><tr><td>6</td><td>GLOWLUG4(B)</td><td>BOUGE4(B)</td></tr><tr><td>7</td><td>GLOWLUG2(B)</td><td>BOUGE2(B)</td></tr><tr><td>8</td><td>CTRL</td><td>CDE</td></tr></table>	1	GLOWLUG3(B)	BOUGE3(B)	2	GLOWLUG1(B)	BOUGE1(B)	3	DAG	DAG	4	+BAT	+BAT	5	GND	GND	6	GLOWLUG4(B)	BOUGE4(B)	7	GLOWLUG2(B)	BOUGE2(B)	8	CTRL	CDE
1	GLOWLUG3(B)	BOUGE3(B)																													
2	GLOWLUG1(B)	BOUGE1(B)																													
3	DAG	DAG																													
4	+BAT	+BAT																													
5	GND	GND																													
6	GLOWLUG4(B)	BOUGE4(B)																													
7	GLOWLUG2(B)	BOUGE2(B)																													
8	CTRL	CDE																													
	04542	FGPR/8-12	C	12 V	RENAULT: NISSAN: NISSAN: GM: OPEL:	8200859243 11067JD50C 2523080A0A 93862497 4419200	1 2 3 4 5 6 7 8 <table><tr><td>1</td><td>GLOWLUG3(B)</td><td>BOUGE3(B)</td></tr><tr><td>2</td><td>GLOWLUG1(B)</td><td>BOUGE1(B)</td></tr><tr><td>3</td><td>DAG</td><td>DAG</td></tr><tr><td>4</td><td>+BAT</td><td>+BAT</td></tr><tr><td>5</td><td>GND</td><td>GND</td></tr><tr><td>6</td><td>GLOWLUG4(B)</td><td>BOUGE4(B)</td></tr><tr><td>7</td><td>GLOWLUG2(B)</td><td>BOUGE2(B)</td></tr><tr><td>8</td><td>CTRL</td><td>CDE</td></tr></table>	1	GLOWLUG3(B)	BOUGE3(B)	2	GLOWLUG1(B)	BOUGE1(B)	3	DAG	DAG	4	+BAT	+BAT	5	GND	GND	6	GLOWLUG4(B)	BOUGE4(B)	7	GLOWLUG2(B)	BOUGE2(B)	8	CTRL	CDE
1	GLOWLUG3(B)	BOUGE3(B)																													
2	GLOWLUG1(B)	BOUGE1(B)																													
3	DAG	DAG																													
4	+BAT	+BAT																													
5	GND	GND																													
6	GLOWLUG4(B)	BOUGE4(B)																													
7	GLOWLUG2(B)	BOUGE2(B)																													
8	CTRL	CDE																													
	04838	FGF/8-12	C	12 V	FPT/FIAT: NEW HOLLAND	5801401694 84387520	1 2 3 4 5 6 7 8 <table><tr><td>1</td><td>GLOWLUG3(B)</td><td>BOUGE3(B)</td></tr><tr><td>2</td><td>GLOWLUG1(B)</td><td>BOUGE1(B)</td></tr><tr><td>3</td><td>DAG</td><td>DAG</td></tr><tr><td>4</td><td>+BAT</td><td>+BAT</td></tr><tr><td>5</td><td>GND</td><td>GND</td></tr><tr><td>6</td><td>GLOWLUG4(B)</td><td>BOUGE4(B)</td></tr><tr><td>7</td><td>GLOWLUG2(B)</td><td>BOUGE2(B)</td></tr><tr><td>8</td><td>CTRL</td><td>CDE</td></tr></table>	1	GLOWLUG3(B)	BOUGE3(B)	2	GLOWLUG1(B)	BOUGE1(B)	3	DAG	DAG	4	+BAT	+BAT	5	GND	GND	6	GLOWLUG4(B)	BOUGE4(B)	7	GLOWLUG2(B)	BOUGE2(B)	8	CTRL	CDE
1	GLOWLUG3(B)	BOUGE3(B)																													
2	GLOWLUG1(B)	BOUGE1(B)																													
3	DAG	DAG																													
4	+BAT	+BAT																													
5	GND	GND																													
6	GLOWLUG4(B)	BOUGE4(B)																													
7	GLOWLUG2(B)	BOUGE2(B)																													
8	CTRL	CDE																													

Dispositivos de Control Diesel / Diesel Control Devices / Dispositifs de Contrôle Diesel

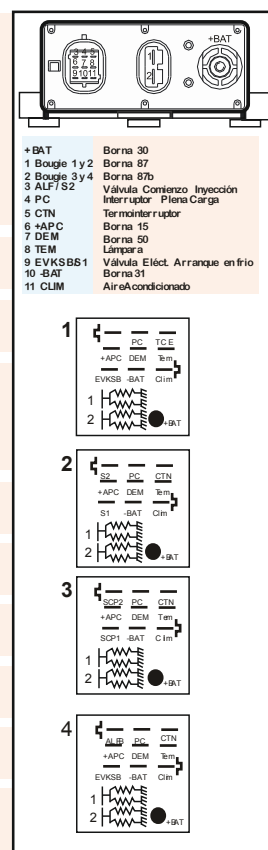
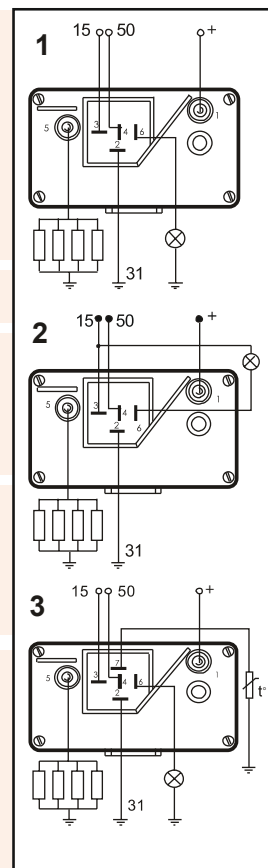
Temporizadores de Precalentamiento Pre-Heating Timers Temporisateurs de Préchauffage

3

	CÓDIGO	REFERENCIA	SOPORTE	VOLT	TEMP.	CONX	REFERENCIAS CRUZADAS	CONEXIONES
	03239	TPD/5-12	C	12 V	7"	1	FIAT/VECO: FIAT/VECO: FIAT/VECO: FIAT/VECO: LANCIA: NISSAN: RENAULT: SEAT: ROVER	4792112 5462703 5990986 7617640 5946920 7580000512 7700733390 0581CR01 PCR5020
		OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT:	91515869 9251586780 9251586980 598111 598115 598116					
	03608	TPD/5-24	C	24 V	7"	1	NISSAN	75800011-12
	03241	TPD/12-12	C	12 V	15"	1	OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT:	5981.13 5981.10 7920076593 9250883280 9250888280
		OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT:	9549299580 9250838280 9553478780					
	03240	TPD/6-12	C	12 V	7"	2	ALFAROMERO: RENAULT: RENAULT: RENAULT: RENAULT:	116619601600 7700702747 7700751089 7700757776 7702087784
		ROVER SAVE SEAT:	PRC5020 000871074 Se1389921000					
	03355	TPD/7-12	C	12 V	7"	3	ALFAROMERO: ALFAROMERO: ALFAROMERO: ALFAROMERO: CHRYSLER FIAT FIAT NISSAN	16206480100 605078062 605078070 605139290 4686062 605139290 60507807 11067D9702



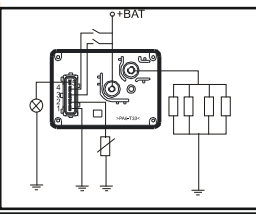
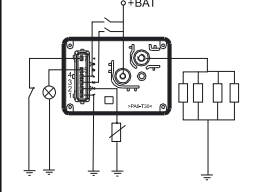
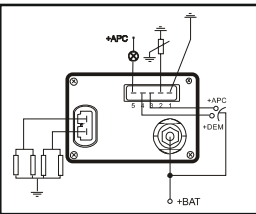
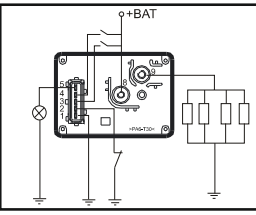
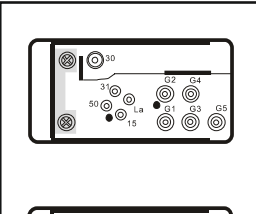
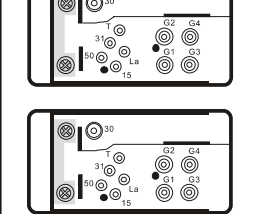
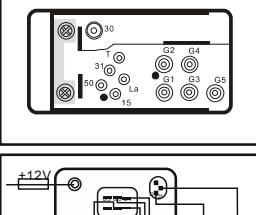
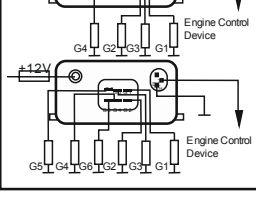
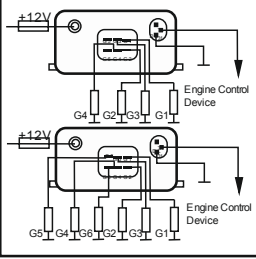
03413	TRM/12-12 TRMA/12-12	C	12 V	7"	1	RENAULT: RENAULT: RENAULT: RENAULT: RENAULT: RENAULT: GM OPEL	7700851443 7701348734 7700790579 7700856789 7700867374 7700863454 9110510 4402510
03770	TRMB/12-12	C	12 V	7"	1	RENAULT:	770010900
03172	TRML/12-12	C	12 V	7"	1	RENAULT:	770010005
03053	TRMK/12-12	C	12 V	7"	1	RENAULT: RENAULT: RENAULT: RENAULT:	7700790579 7700851443 7700863454 7700867374
03147	TRMS/12-12	C	12 V	7"	2	RENAULT:	7700300773
03759	TRMF/12-12	C	12 V	4"	2	RENAULT:	7700870715
03171	TRME/12-12	C	12 V	4"	3	RENAULT:	7700869439
03084	TRMI/12-12	C	12 V	4"	2	RENAULT:	7700869319
03057	TRMR/12-12	C	12 V	4"	3	RENAULT:	7700103188
03758	TRMC/12-12	C	12 V	2"	4	RENAULT: RENAULT:	7700102036 7700863626



Dispositivos de Control Diesel / Diesel Control Devices / Dispositifs de Contrôle Diesel

3

Temporizadores de Precalentamiento Pre-Heating Timers Temporisateurs de Préchauffage

	CÓDIGO	REFERENCIA	SOPORTE	VOLT	TEMP.	REFERENCIAS CRUZADAS	CONEXIONES
	03672	PPC/5-12	C	12 V	5"	FIAT: FIAT: FIAT: FIAT: FIAT: FIAT: FIAT: FIAT: 43423043 4638456 46414088 4792112 5990986 60812527 961595948 9935921	
		OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: LANCIA:	5981.21 5981.24 9616582480 46438456				
	03678	PPC/7-12	C	12 V	3"	OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: FIAT: FIAT: ROVER 46423043 5946920 NCJ100110 5981.15 5981.21 5981.26 5981.27 5981.38 9616280080 9616582380	
	03882	TPD SG/6-12	C	12 V	4"	NISSAN: -25230-69T00	
	03181	PPX/5-12	C	12 V	5"	OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: OTROËNPEUGEOT: TALBOT: 38725 5981.19 9614167780 96252036 9625203680 9614167780	
	03346	TPDM/32-12	C	12 V		MERCEDES: 0015450532 0015459832 0025450632 0025450932 A0015450532 A0025450632 A0025450932	
	03347	TPDM/34-12	C	12 V		MERCEDES: 0065458932 0075459832 A0065458932 A0075459832	
	03348	TPDM/35-12	C	12 V		MERCEDES: 0065458832 0085450032 A0065458832 A0085450032	
	03349	TPDM/36-12	C	12 V		MERCEDES: 0055454032 0065459032 0075459932 0135452432 A0055454032 A0065459032 A0075459932 A0135452432	
	03399	TPMS/4-12	C	12 V		MERCEDES: 0005453516 A6461536579 51299030	
	03400	TPMS/6-12	C	12 V		MERCEDES: 0005453616 A6489000000 51299029	

Nueva/New/Nouveau

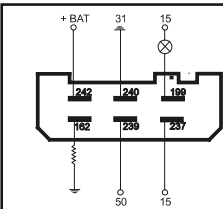
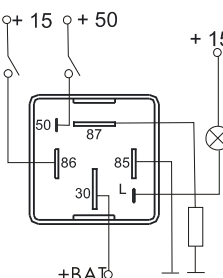
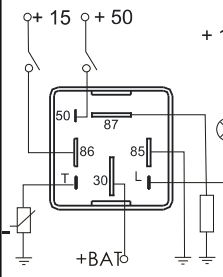
Dispositivos de Control Diesel / Diesel Control Devices / Dispositifs de Contrôle Diesel

Temporizadores de Precalentamiento

Pre-Heating Timers

Temporisateurs de Préchauffage

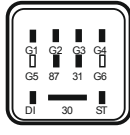
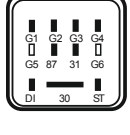
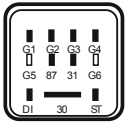
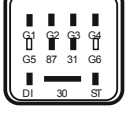
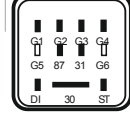
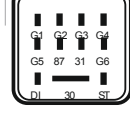
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	CÓDIGO	REFERENCIA	SOPORTE	VOLTS		CONEXIONES
	03210	TLAC/6-12	C	12 V	NISSAN:	
	Sustituye/Replace/Remplace a TLMC/12					
	03289	TLA/6-12	C	12 V	NISSAN:	015063530
	03458	TLA/6-24	C	24 V	NISSAN:	781000030
	03411	TPP/8-12	C	12 V	NISSAN:	750000471
	03412	TPP/8-24	C	24 V	NISSAN:	750003801
	03826	TPK/8-12	C	12 V	EBRO:	351810-1
	03827	TPK/8-24	C	24 V	NISSAN:	750000650
	03002	TPF/6-12	A	12 V	5"	
					FORD: Granada 2.5, Scorpio 2.5, Sierra 2.3 OPEL: Ascona 1.6, Astra 1.7D, Kadett 1.6/7D Omega 2.3, Senator 2.3, Vectra 1.7D	
	03008	TPPF/6-12	A	12 V	2"	FORD: Gama 1.8D
	TPF/6-12		TPPF/6-12			
	FORD:	6143688			FORD:	1630263
	FORD:	6847572			FORD:	1630363
	FORD/FIAT:	83BB6B092AA			FORD:	1652479
	FORD/FIAT:	83BB6B092BA			FORD:	6132248
	FORD/FIAT:	83BB6M092BA			FORD:	6171402
	FORD/FIAT:	93BB6M092AA			FORD:	6194291
	FORD/FIAT:	93BB6M092BA			FORD:	6756611
	GM:	90040992			FORD:	6756612
	GM:	90228928			FORD:	68477572
	GM:	90240651			FORD:	84FB006M092BA
	GM:	90276101			FORD:	84FB006M092CB
	GM:	90341822			FORD:	84FB6M092BA
	GM:	90464952			FORD:	84FB6M092CA
	OPEL:	1238532			FORD:	84FB6M092CB
	OPEL:	1238537			FORD:	89FB6M092AA
	OPEL:	1238565			FORD:	90BB6M092BA
	OPEL:	1238568			FORD:	90BB6M092BB
	OPEL:	1238627				
	OPEL:	90040992				
	OPEL:	90240651				
	OPEL:	90228928				
	OPEL:	90341822				
	OPEL:	90464952				
	OPEL:	91097769				
	OPEL:	91108750				
	VOLVO:	3650116				
	03016	TPPSS/7-12	-	12 V	5"	
					AUDI/VW:	171911261
					AUDI/VW:	171911261C
					AUDI/VW:	191911261A
					AUDI/VW:	191911261C
					AUDI/VW:	325911261
					AUDI/VW:	321911261C
					AUDI/VW:	441911261
					AUDI/VW:	443911261C
					AUDI/VW:	443911262
					AUDI/VW:	867911261C
					AUDI/VW:	893911261
	03339	TPPSS/7-24	-	24 V	Vehículos Industriales Industrial Vehicles Vehicules Industriels	

Dispositivos de Control Diesel / Diesel Control Devices / Dispositifs de Contrôle Diesel

3

Módulos de Precalentamiento Diesel (C.C. y Diagnosis) Diesel Pre-Heating Module (S.C. and Diagnosis) Module Préchauffage Diesel (C.C. et Diagnostique)

	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	REFERENCIAS CRUZADAS	CONEXIONES																																	
	03393	TPDV/04-12	C	12 V	VAG: 038907281A	 <table><tr><td>G1</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G2</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G3</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G4</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G5</td><td>n.c.</td><td>n.c.</td></tr><tr><td>87</td><td>Terminal 87</td><td>Terminal 87</td></tr><tr><td>31</td><td>GND</td><td>GND</td></tr><tr><td>G6</td><td>n.c.</td><td>n.c.</td></tr><tr><td>D1</td><td>DIAGNOSIS</td><td>DIAGNOSTIC</td></tr><tr><td>30</td><td>BATTERY</td><td>BATTERIE</td></tr><tr><td>ST</td><td>CTRL</td><td>CDE</td></tr></table>	G1	GLOWPLUG	BOUGIE	G2	GLOWPLUG	BOUGIE	G3	GLOWPLUG	BOUGIE	G4	GLOWPLUG	BOUGIE	G5	n.c.	n.c.	87	Terminal 87	Terminal 87	31	GND	GND	G6	n.c.	n.c.	D1	DIAGNOSIS	DIAGNOSTIC	30	BATTERY	BATTERIE	ST	CTRL	CDE
G1	GLOWPLUG	BOUGIE																																					
G2	GLOWPLUG	BOUGIE																																					
G3	GLOWPLUG	BOUGIE																																					
G4	GLOWPLUG	BOUGIE																																					
G5	n.c.	n.c.																																					
87	Terminal 87	Terminal 87																																					
31	GND	GND																																					
G6	n.c.	n.c.																																					
D1	DIAGNOSIS	DIAGNOSTIC																																					
30	BATTERY	BATTERIE																																					
ST	CTRL	CDE																																					
Nueva/New/Nouveau																																							
	03396	TPDV/28-12	-	12 V	VAG: 03G907282	 <table><tr><td>G1</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G2</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G3</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G4</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G5</td><td>n.c.</td><td>n.c.</td></tr><tr><td>87</td><td>Terminal 87</td><td>Terminal 87</td></tr><tr><td>31</td><td>GND</td><td>GND</td></tr><tr><td>G6</td><td>n.c.</td><td>n.c.</td></tr><tr><td>D1</td><td>DIAGNOSIS</td><td>DIAGNOSTIC</td></tr><tr><td>30</td><td>BATTERY</td><td>BATTERIE</td></tr><tr><td>ST</td><td>CTRL</td><td>CDE</td></tr></table>	G1	GLOWPLUG	BOUGIE	G2	GLOWPLUG	BOUGIE	G3	GLOWPLUG	BOUGIE	G4	GLOWPLUG	BOUGIE	G5	n.c.	n.c.	87	Terminal 87	Terminal 87	31	GND	GND	G6	n.c.	n.c.	D1	DIAGNOSIS	DIAGNOSTIC	30	BATTERY	BATTERIE	ST	CTRL	CDE
G1	GLOWPLUG	BOUGIE																																					
G2	GLOWPLUG	BOUGIE																																					
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G5	n.c.	n.c.																																					
87	Terminal 87	Terminal 87																																					
31	GND	GND																																					
G6	n.c.	n.c.																																					
D1	DIAGNOSIS	DIAGNOSTIC																																					
30	BATTERY	BATTERIE																																					
ST	CTRL	CDE																																					
Nueva/New/Nouveau																																							
	03394	TPDV/06-12	C	12 V	VAG: 038907281D	 <table><tr><td>G1</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G2</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G3</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G4</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G5</td><td>n.c.</td><td>n.c.</td></tr><tr><td>87</td><td>Terminal 87</td><td>Terminal 87</td></tr><tr><td>31</td><td>GND</td><td>GND</td></tr><tr><td>G6</td><td>n.c.</td><td>n.c.</td></tr><tr><td>D1</td><td>DIAGNOSIS</td><td>DIAGNOSTIC</td></tr><tr><td>30</td><td>BATTERY</td><td>BATTERIE</td></tr><tr><td>ST</td><td>CTRL</td><td>CDE</td></tr></table>	G1	GLOWPLUG	BOUGIE	G2	GLOWPLUG	BOUGIE	G3	GLOWPLUG	BOUGIE	G4	GLOWPLUG	BOUGIE	G5	n.c.	n.c.	87	Terminal 87	Terminal 87	31	GND	GND	G6	n.c.	n.c.	D1	DIAGNOSIS	DIAGNOSTIC	30	BATTERY	BATTERIE	ST	CTRL	CDE
G1	GLOWPLUG	BOUGIE																																					
G2	GLOWPLUG	BOUGIE																																					
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G5	n.c.	n.c.																																					
87	Terminal 87	Terminal 87																																					
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G6	n.c.	n.c.																																					
D1	DIAGNOSIS	DIAGNOSTIC																																					
30	BATTERY	BATTERIE																																					
ST	CTRL	CDE																																					
Nueva/New/Nouveau																																							
	03397	TPDV/29-12	-	12 V	VAG: 038907281B	 <table><tr><td>G1</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G2</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G3</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G4</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G5</td><td>n.c.</td><td>n.c.</td></tr><tr><td>87</td><td>Terminal 87</td><td>Terminal 87</td></tr><tr><td>31</td><td>GND</td><td>GND</td></tr><tr><td>G6</td><td>n.c.</td><td>n.c.</td></tr><tr><td>D1</td><td>DIAGNOSIS</td><td>DIAGNOSTIC</td></tr><tr><td>30</td><td>BATTERY</td><td>BATTERIE</td></tr><tr><td>ST</td><td>CTRL</td><td>CDE</td></tr></table>	G1	GLOWPLUG	BOUGIE	G2	GLOWPLUG	BOUGIE	G3	GLOWPLUG	BOUGIE	G4	GLOWPLUG	BOUGIE	G5	n.c.	n.c.	87	Terminal 87	Terminal 87	31	GND	GND	G6	n.c.	n.c.	D1	DIAGNOSIS	DIAGNOSTIC	30	BATTERY	BATTERIE	ST	CTRL	CDE
G1	GLOWPLUG	BOUGIE																																					
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G3	GLOWPLUG	BOUGIE																																					
G4	GLOWPLUG	BOUGIE																																					
G5	n.c.	n.c.																																					
87	Terminal 87	Terminal 87																																					
31	GND	GND																																					
G6	n.c.	n.c.																																					
D1	DIAGNOSIS	DIAGNOSTIC																																					
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ST	CTRL	CDE																																					
Nueva/New/Nouveau																																							
	03395	TPDV/07-12	C	12 V	VAG: 03G907282A	 <table><tr><td>G1</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G2</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G3</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G4</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G5</td><td>n.c.</td><td>n.c.</td></tr><tr><td>87</td><td>Terminal 87</td><td>Terminal 87</td></tr><tr><td>31</td><td>GND</td><td>GND</td></tr><tr><td>G6</td><td>n.c.</td><td>n.c.</td></tr><tr><td>D1</td><td>DIAGNOSIS</td><td>DIAGNOSTIC</td></tr><tr><td>30</td><td>BATTERY</td><td>BATTERIE</td></tr><tr><td>ST</td><td>CTRL</td><td>CDE</td></tr></table>	G1	GLOWPLUG	BOUGIE	G2	GLOWPLUG	BOUGIE	G3	GLOWPLUG	BOUGIE	G4	GLOWPLUG	BOUGIE	G5	n.c.	n.c.	87	Terminal 87	Terminal 87	31	GND	GND	G6	n.c.	n.c.	D1	DIAGNOSIS	DIAGNOSTIC	30	BATTERY	BATTERIE	ST	CTRL	CDE
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87	Terminal 87	Terminal 87																																					
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Nueva/New/Nouveau																																							
	03398	TPDV/68-12	-	12 V	VAG: PORSCHE 4E0907282A 95561802800	 <table><tr><td>G1</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G2</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G3</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G4</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>G5</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>87</td><td>Terminal 87</td><td>Terminal 87</td></tr><tr><td>31</td><td>GND</td><td>GND</td></tr><tr><td>G6</td><td>GLOWPLUG</td><td>BOUGIE</td></tr><tr><td>D1</td><td>DIAGNOSIS</td><td>DIAGNOSTIC</td></tr><tr><td>30</td><td>BATTERY</td><td>BATTERIE</td></tr><tr><td>ST</td><td>CTRL</td><td>CDE</td></tr></table>	G1	GLOWPLUG	BOUGIE	G2	GLOWPLUG	BOUGIE	G3	GLOWPLUG	BOUGIE	G4	GLOWPLUG	BOUGIE	G5	GLOWPLUG	BOUGIE	87	Terminal 87	Terminal 87	31	GND	GND	G6	GLOWPLUG	BOUGIE	D1	DIAGNOSIS	DIAGNOSTIC	30	BATTERY	BATTERIE	ST	CTRL	CDE
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Nueva/New/Nouveau																																							

Temporizadores / Timers / Temporisateurs

4

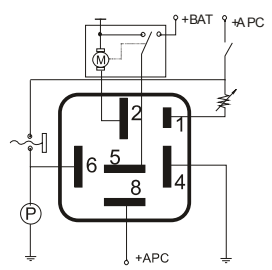
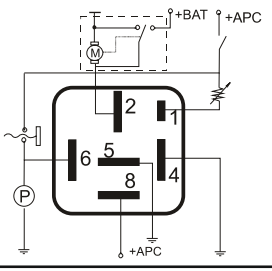
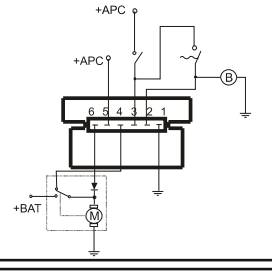
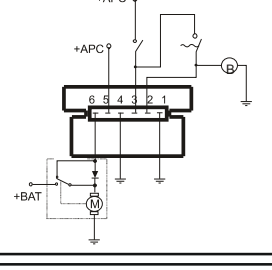
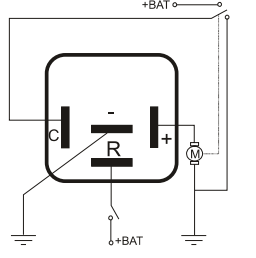
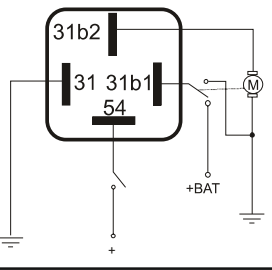
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Temporizadores / Timers / Temporisateurs

4

Temporizadores Limpiaparabrisas WindShield Wiper Timers Temporisateurs D'essuie Vitre

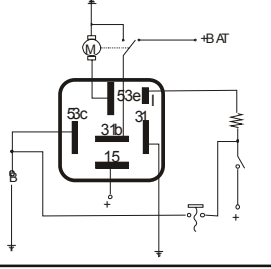
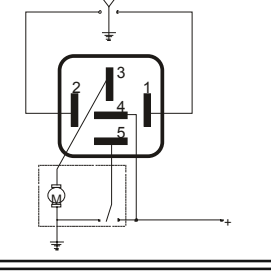
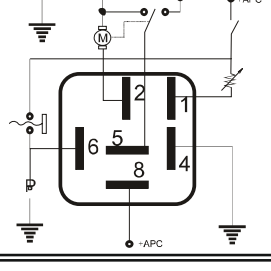
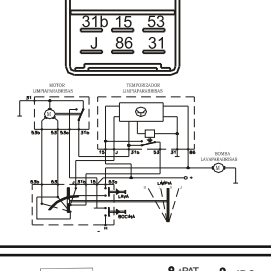
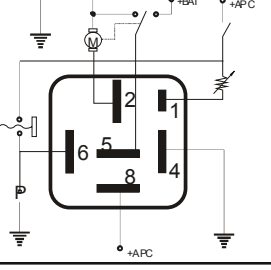
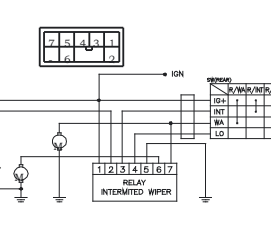


DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	CONEXIONES
 Temporizador Limpiaparabrisa Delantero <i>Front WindShield Wiper Timer</i> <i>Temporisateur D'essuie Vitre Avant</i> CITROËN : AX, BX, CX, XM PEUGEOT : 205(>06/86), 309, 405, 605 9753498780	03787	TLP/6-12	A	12 V	
	03782	TLPS/6-12	-	12 V	
 Temporizador Limpiaparabrisas Trasero <i>WindShield Wiper Timer Rear</i> <i>Temporisateur D'essuie Vitre Arrier</i> CITROËN : AX, BX, CX PEUGEOT : 504 Pick-Up, 505 9622011280	03764	LTP/6-12	C	12 V	
 Temporizador Limpiaparabrisa Delantero <i>Front WindShield Wiper Timer</i> <i>Temporisateur D'essuie Vitre Avant</i> RENAULT :R9, R11, R18, R19, R21, S5, CLIO	03828	TAV/6-12	C	12 V	
 Temporizador Limpiaparabrisas Trasero <i>Rear WindShield Wiper Timer</i> <i>Temporisateur D'essuie Vitre Arrier</i> RENAULT :R9, R11, R18, R19, R21, S5, CLIO	03829	TAR/6-12	C	12 V	
 Temporizador Limpiaparabrisa Delantero <i>Front WindShield Wiper Timer</i> <i>Temporisateur D'essuie Vitre Avant</i> CITROËN :AX	03857	TLAX/4-12	-	12 V	
 Temporizador Limpiaparabrisa Delantero <i>Front WindShield Wiper Timer</i> <i>Temporisateur D'essuie Vitre Avant</i> FORD: FIESTA85, FIESTA89, ESCORT86 ORION86	03858	TLFS/4-12	-	12 V	

Temporizadores / Timers / Temporisateurs

Temporizadores Limpiaparabrisas WindShield Wiper Timers Temporisateurs D'essuie Vitre


4

	DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	CONEXIONES
	Temporizador Limpiaparabrisa Delantero <i>Front WindShield Wiper Timer</i> <i>Temporisateur D'essuie Vitre Avant</i>	03851	TLOD/6-12	-	12 V	
	OPEL : CORSA, KADETT, VECTRA					
	Temporizador Limpiaparabrisa Delantero <i>Front WindShield Wiper Timer</i> <i>Temporisateur D'essuie Vitre Avant</i>	03238	TLM/5-12	A	12 V	
	NISSAN	03783	TLMS/5-24	-	24 V	
	Temporizador Limpiaparabrisa Delantero <i>Front WindShield Wiper Timer</i> <i>Temporisateur D'essuie Vitre Avant</i>	03830	TLNS/6-12	-	12 V	
	NISSAN	03043	TLNS/6-24	-	24 V	
	Temporizador Limpiaparabrisa Delantero <i>Front WindShield Wiper Timer</i> <i>Temporisateur D'essuie Vitre Avant</i>	03327	TLM/6-24	C	24 V	
	IVECO, PEGASO	03380	TLM/6-12	C	12 V	
	Temporizador Limpiaparabrisa Delantero <i>Front WindShield Wiper Timer</i> <i>Temporisateur D'essuie Vitre Avant</i>	03831	TLI/6-24	-	24 V	
	IVECO, PEGASO					
	Temporizador Limpiaparabrisas Trasero <i>Rear WindShield Wiper Timer</i> <i>Temporisateur D'essuie Vitre Arrier</i>	03166	SUW/8-12	A	12 V	
	SUZUKI					

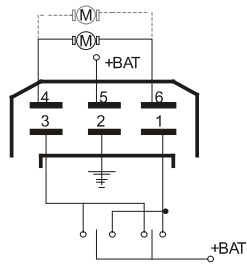
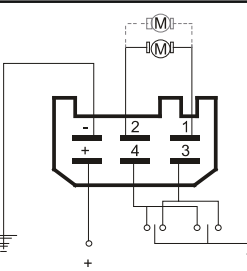
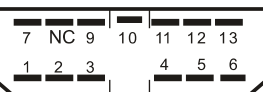
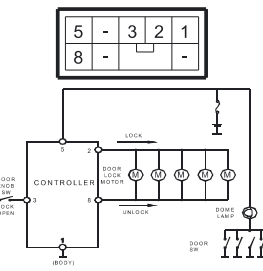
Nueva/New/Nouveau

Temporizadores / Timers / Temporisateurs

5

Temporizadores Blocapuestas

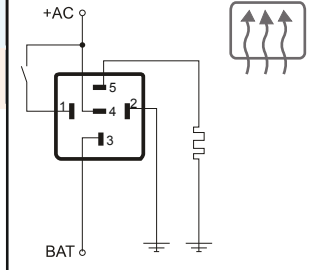
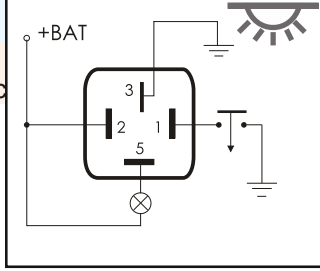
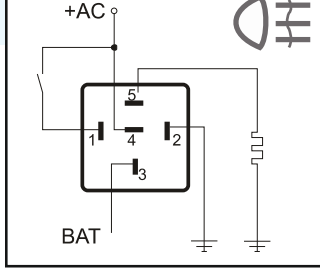
Door Lock Timers
Temporisateurs Blocage de Portes


	DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	CONEXIONES
	Temporizador Blocapuestas <i>Door Lock Timer</i> <i>Temporisateur Blocage de Portes</i>	03417	TBR/6-12	-	12 V	
	RENAULT : R9, R11, R18, R19, R21, S5, EXPRESS, CLIO					
	Temporizador Blocapuestas <i>Door Lock Timer</i> <i>Temporisateur Blocage de Portes</i>	03832	TBN/6-12	C	12 V	
	NISSAN					
	Temporizador Blocapuestas <i>Door Lock Timer</i> <i>Temporisateur Blocage de Portes</i>	03834	TBS/11-12	-	12 V	
	3 Puertas/Doors/Portes SUZUKI	03776	TBS/12-12	-	12 V	
	Temporizador Blocapuestas <i>Door Lock Timer</i> <i>Temporisateur Blocage de Portes</i>	03775	MLM/10-12	-	12 V	
	3 Puertas/Doors/Portes SUZUKI	03772	MLA/10-12	-	12 V	
	Temporizador Blocapuestas <i>Door Lock Timer</i> <i>Temporisateur Blocage de Portes</i>	03167	PDL/8-12	A	12 V	
	SUZUKI					

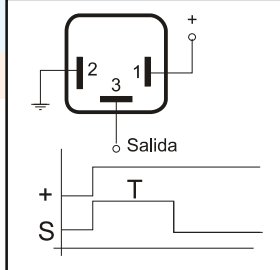
Temporizadores / Timers / Temporisateurs

6

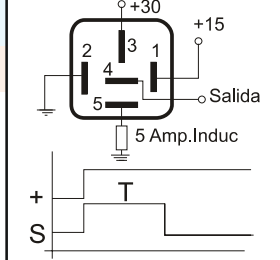
Temporizadores Timers Temporisateurs

DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	CONEXIONES
 Temporizadores Luneta Térmica <i>Heated Rear Window Timer</i> <i>Temporisateur Lunette Arrière Chauffante</i> CITROËN, PEUGEOT	03777	TLT/5-12	-	12 V	
	03298	TLT/5-24	-	24 V	
 Temporizador Luz Interior 8 a 16 Segundos <i>Inside Light Timer (8 -16 Sec)</i> <i>Temporisateur Lumière D'interieur (8 - 16 Sec)</i> UNIVERSAL / STANDARD / UNIVERSEL NISSAN	03237	TLM/4-12	-	12 V	
	03293	TLM/4-24	-	24 V 8Sec	
 Temporizador Antinieblas ON/OFF <i>Fog Proof Rear Timer ON/OFF</i> <i>Temporisateur AntiBrouillard Arrier ON/OFF</i> CITROËN, PEUGEOT	03152	TAA/5-12	-	12 V	

Temporizadores T. Seg. Delay Timer T. Seg. Temporisateur T. Sec.

 Temporizador 7" <i>Timer 7"</i> <i>Temporisateur 7"</i> UNIVERSAL / STANDARD / UNIVERSEL NISSAN, IVECO	03695	TL3-12 7S	A	12 V	7"	
	03296	TL3-24 7S	A	24 V	7"	

Temporizador Retardo T. Seg. Delay Timer T. Seg. Temporisateur Retardée T. Sec.

 Temporizador T Segundos <i>Delay Timer T Seconds</i> <i>Temporisateur Retardée T Seconds</i> UNIVERSAL / STANDARD / UNIVERSEL	03352	TIC3-12 TS	A	12 V	T"	
	03329	TIC3-24 TS	A	24 V	T"	

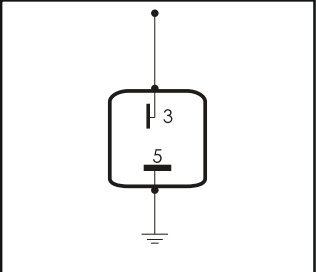
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For other time values, contact us
Pour autre temps, nous consulter

Avisadores Acústicos/ Acoustic Warning Devices / Advertisseurs Acoustiques

7

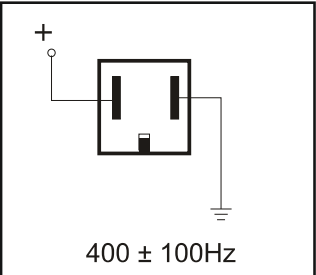
Avisadores Acústicos UNIVERSAL

Acoustic Warning Devices STANDARD
Advertisseurs Acoustiques UNIVERSELS


DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	dB	CONEXIONES
 Avisador Acústico Electrónico <i>Electronic Acoustic Warning Device</i> <i>Advertisseur Acoustique Electronique</i> UNIVERSAL / STANDARD / UNIVERSEL	02859	RZE/2-12	C	12 V	>65dB 25cm	
	02314	RZE/2-24	C	24 V	>65dB 25cm	

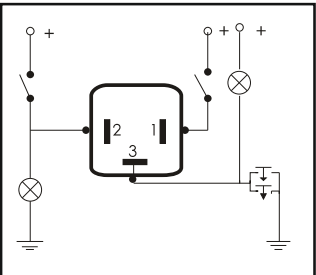
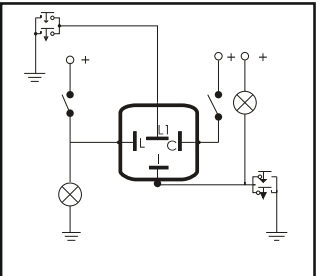
Zumbador

Buzzer
Bruiteur

 Relé Zumbador <i>Buzzer Relay</i> <i>Relai Bruiteur</i> UNIVERSAL / STANDARD / UNIVERSEL SUZUKI	02694	AVE/2-12	A	12 V	30cm	 400 ± 100Hz
	02265	AVES/2-12	-	12 V	>85dB 30cm	
	02695	AVE/2-24	A	24 V	>85dB 30cm	
	02266	AVES/2-24	-	24 V	>85dB	

Avisadores Acústicos Olvido Luces

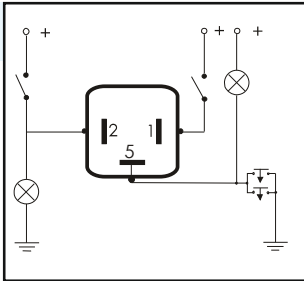
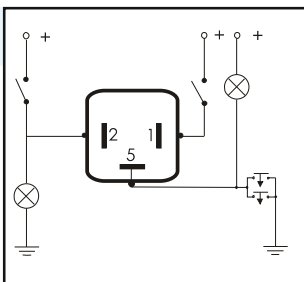
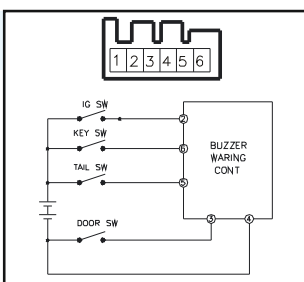
Acoustic Warning Devices Lights on Reminder
Advertisseurs Acoustiques Oublie Eclairage

 Avisador Acústico Electrónico Olvido de Luces <i>Acoustic Warning Device Lights on Reminder</i> <i>Advertisseur Acoustique Electronique Oublie Eclairage</i> UNIVERSAL / STANDARD / UNIVERSEL RENAULT : R5,9,11,18,19, CLIO NISSAN OPEL : CORSA, KADETT, VECTRA	02231	RZE/3-12	-	12 V	25cm	
	02784	RZE/3-24	-	24 V	>65dB 25cm	
 Avisador Acústico Electrónico Olvido de Luces <i>Acoustic Warning Device Lights on Reminder</i> <i>Advertisseur Acoustique Electronique Oublie Eclairage</i> UNIVERSAL / STANDARD / UNIVERSEL RENAULT : R21 NISSAN	02416	RZE/4-12	-	12 V	25cm	

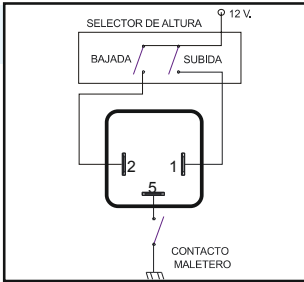
Avisadores Acústicos/ Acoustic Warning Devices / Advertisseurs Acoustiques


7

Avisadores Acústicos Olvido Luces Acoustic Warning Devices Lights on Reminder Advertisseurs Acoustiques Oublie Eclairage

DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	dB	CONEXIONES
 Avisador Acústico Electrónico Olvido de Luces <i>Acoustic Warning Device Lights on Reminder</i> <i>Advertisseur Acoustique Electronique Oublie Eclairage</i> CITROËN, PEUGEOT	02222	OES/3-12	-	12 V	>80dB 30cm	
 Avisador Acústico Electrónico Olvido de Luces <i>Acoustic Warning Device Lights on Reminder</i> <i>Advertisseur Acoustique Electronique Oublie Eclairage</i> NISSAN	02267	RZNS/3-12	-	12 V	>85dB 30cm	
 Avisador Acústico Electrónico Olvido de Luces <i>Acoustic Warning Device Lights on Reminder</i> <i>Advertisseur Acoustique Electronique Oublie Eclairage</i> SUZUKI	02259	PS/6-12	A	12 V	>65dB 30cm	

Avisadores Acústicos Portón Trasero Abierto Acoustic Warning Devices Opened Rear Door Advertisseurs Acoustiques de Hauteur de Commande de Caisse

 Avisador Acústico Electrónico Portón Trasero Abierto <i>Acoustic Warning Opened Rear Door</i> <i>Advertisseur Acoustique de Hauteur de Commande de Caisse</i> CITROEN : C5 Familiar	02260	BHCC/3-12	C	12 V	>80dB 30cm	
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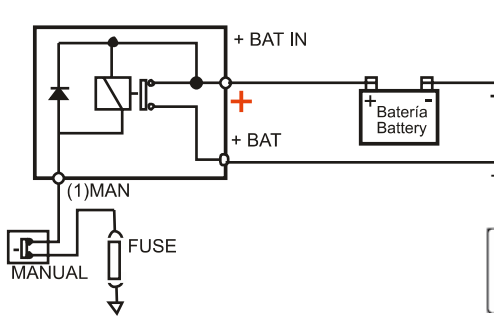
Desconectador Batería / ADR bistable current isolating switch / Déconnecteur de Batteries

8

Desconectador Batería ADR bistable current isolating switch Déconnecteur de Batteries

DESCRIPCIÓN	CODIGO	REFERENCIA	VOLTS	AMP.	FUNCIONAMIENTO	AVISO ACUSTICO	SUMINISTRADO CON
Desconectador Batería <i>ADR bistable current isolating switch</i> <i>Déconnecteur de Batteries</i>	04648	DB/3-24	24 V	300A	Manual Manual Manuel	Sí Yes Oui	Cableado y pulsador ADR Wire harness & Pulse button Cablage & ADR bouton

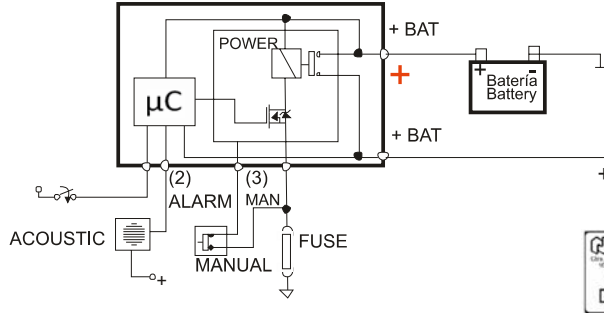






Desconectador Batería <i>ADR bistable current isolating switch</i> <i>Déconnecteur de Batteries</i>	04624	DB/5-24	24 V	300A	Automático Automatic Automatique	Sí Yes Oui	Cableado, pulsador ADR, Avisador Acústico Wire harness & Pulse button & Acoustic Warning Cablage & ADR bouton & Avertisseur Acoustique
--	-------	---------	------	------	--	------------------	--







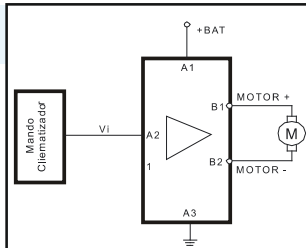
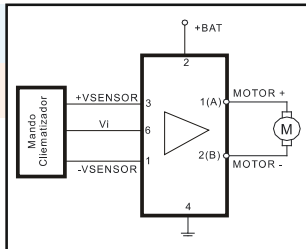
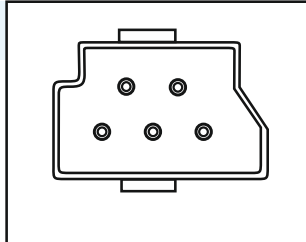
Funcionamiento automático (Desconecta tras 60 seg desconexión llave) / Automatic working mode (desativation 60 sec. after removing the ignition key).
 Protegido contra inversión Polaridad / Reverse battery protection.
 Aviso acústico tensión batería alta-baja / Acoustic warning for high and/or low battery voltage
 Sin consumo en reposo (<100uA, función biestable) / No current consumption while working (<100uA, bistable function).
 Certificado ATEX. / ATEX Certification

Módulo Control Climatización / Control Module Air Conditioning / Module Contrôle Climatisation

Módulo Control Climatización

Control Module Air Conditioning
Module Contrôle Climatisation

9

DESCRIPCIÓN		CÓDIGO	REFERENCIA	SOPORTE	VOLTS	WATTS	CONEXIONES
	Módulo Control Climatización <i>Control Module Air Conditioning</i> <i>Module Contrôle Climatisation</i>	04313	MPVN/5-12	-	12 V		
	PEUGEOT	EQUIVALENTE MPVP/5-12					
	Módulo Control Climatización <i>Control Module Air conditioning</i> <i>Module Contrôle Climatisation</i>	04296	MEC/8-12	-	12 V		
	VW / AUDI / SKODA	04531	MECD/8-12	-	12 V		
	Módulo Control Climatización <i>Control Module Air conditioning</i> <i>Module Contrôle Climatisation</i>	04897	MCF/5-12	-	12 V		
	BMW	Nueva/New/Nouveau					

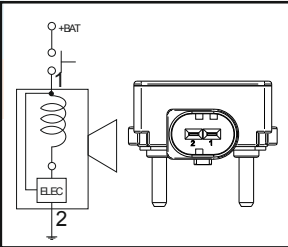
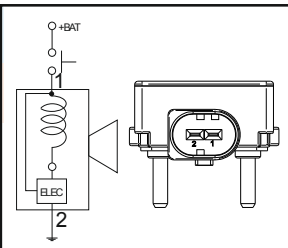
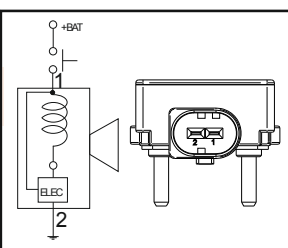
Nueva/New/Nouveau

Bocinas electrónicas/ *Electronic Horns / Avertisseur sonore électronique*

10

Bocinas electrónicas (larga duración)

Electronic Horns (longer life)
Avertisseur sonore électronique (vie plus longue)

DESCRIPCIÓN	CÓDIGO	REFERENCIA	Hz	VOLTS	Db	CONEXIONES
 Bocina Electrónica Salida Frontal 12V. <i>Front Output Electronic Horn 12V.</i> <i>Avertisseur Sonore Électronique Sortie Frontale 12V.</i> UNIVERSAL / STANDARD/ UNIVERSEL	04729	ANX400-12	400±10	12 V	>108	
	04735	ANX500-12	500±10	12 V	>108	
 Bocina Electrónica de Trompa 12V. <i>Trumpet Horn Electronic 12V.</i> <i>Avertisseur Sonore Électronique Trompe 12V.</i> UNIVERSAL / STANDARD/ UNIVERSEL	04736	ANXT400-12	400±10	12 V	>108	
	04737	ANXT500-12	500±10	12 V	>108	
 Avisador Electrónico Disco Resonante 12V. <i>Resonant Disc Electronic Warning 12V.</i> <i>Avertisseur Électronique Disque Résonnant 12V.</i> UNIVERSAL / STANDARD/ UNIVERSEL	04738	ANP400-12	Low Tone	12 V	>108	
	04739	ANP500-12	High Tone	12 V	>108	

Las bocinas se suministran en un kit que contiene: 2 bocinas (una de alta frecuencia y otra de baja frecuencia), cableado de interconexión y soportes. También se pueden suministrar individualmente, utilizando para ello los códigos correspondientes.

Horns are sold in a kit containing: 2 horns (one of high frequency and another one of low frequency) interconnection wire harness and brackets. Horns can be supplied individually. For this purpose, you have to order the corresponding part numbers.

Les avertisseurs son fournis dans un kit qui contient: 2 avertisseurs (l'un d'haute fréquence et l'autre de basse fréquence), câblage d'interconnexion et des supports. Les avertisseurs peuvent être fournis individuellement en commandant les codes qui correspondent.

	CÓDIGO	REFERENCIA	KIT COMPUESTO DE:
Referencia del Kit <i>Kit Part Number</i> <i>Référence de Kit</i>	04765	CANX-12	ANX400-12, ANX500-12
	04766	CANXT-12	ANXT400-12, ANXT500-12
	04767	CANP-12	ANP400-12, ANP500-12
Cableado interconexión y soportes <i>Interconnection wire harness and brackets</i> <i>Câblage d'interconnexion et des supports.</i>			

Varios / Various/ Divers

11

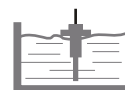
Niveles de Agua	44
<i>Water Level Sensors</i>	
<i>Niveau D'eau</i>	
Convertidor 24V a 12V	44
<i>Converter 24V to 12V</i>	
<i>Convertisseur 24V à 12V</i>	
Reguladores para Motocicletas y Ciclomotores	44
<i>Regulators for Motorbikes and Mopeds</i>	
<i>Régulateurs pour Motorcycles et Cyclomoteurs</i>	
Encendido Luces Automático	45
<i>Daytime running lights</i>	
<i>Dispositif d'allumage automatique des feux de croisement</i>	
Central de Tiempos	45
<i>Timing Central</i>	
<i>Centrale de Temps</i>	
Sonda Nivel de Agua	45
<i>Sonde Niveau D'eau</i>	
<i>Water Level Sensor</i>	
Porta Diodos	45
<i>Diode Box</i>	
<i>Boitier Porte-Diode</i>	
Optoacoplador	45
<i>Optocouple</i>	
<i>Optocouple</i>	
Unidad Control Calentamiento Aire	45
<i>Control Unit Air Heater</i>	
<i>Unité Contrôle Chauffage d'air</i>	
Sensores	46
<i>Sensors</i>	
<i>Capteurs</i>	

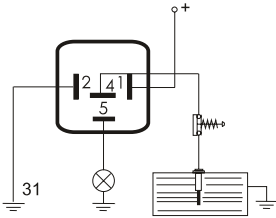
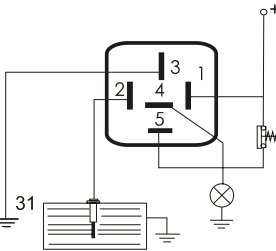
Varios / Various/ Divers

11

Niveles de Agua

Water Level Sensors Niveau D'eau

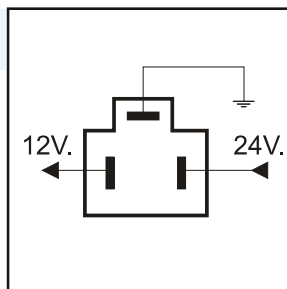
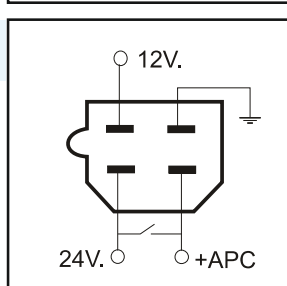


DESCRIPCIÓN		CÓDIGO	REFERENCIA	SOPORTE	VOLTS	WATTS	CONEXIONES
	Niveles de Agua <i>Water Level Sensors</i> <i>Niveau D'eau</i>	02399	REA/4-12	-	12 V	5W Max	
		02236	REA/4-24	-	24 V	5W Max	
	Niveles de Agua <i>Water Level Sensors</i> <i>Niveau D'eau</i>	02028	REA/5-12	-	12 V	5W Max	
		02151	REA/5-25	-	24 V	5W Max	

Convertidor 24V a 12V

Convertisseur 24V à 12V
Convert 24V to 12V
Convertisseur 24V à 12V



	Protegido contra Cortocircuitos y Cambios Polaridad <i>Protected Against Short-Circuits and Polarity Changes</i> <i>Protégé contre Court-Circuits et Inversions de Polarité</i> UNIVERSAL / STANDARD / UNIVERSEL NISSAN	<table border="1"> <tr> <td>04694</td> <td>CDC3/24-12</td> <td>C</td> <td>3Amp. Max</td> </tr> </table>	04694	CDC3/24-12	C	3Amp. Max	
04694	CDC3/24-12	C	3Amp. Max				
	Protegido contra Cortocircuitos y Cambios Polaridad <i>Protected Against Short-Circuits and Polarity Changes</i> <i>Protégé contre Court-Circuits et Inversions de Polarité</i> UNIVERSAL / STANDARD / UNIVERSEL NISSAN	<table border="1"> <tr> <td>04940</td> <td>CDC20/24-12</td> <td>C</td> <td>20Amp. Max</td> </tr> </table>	04940	CDC20/24-12	C	20Amp. Max	
04940	CDC20/24-12	C	20Amp. Max				

Reguladores para Motocicletas y Ciclomotores

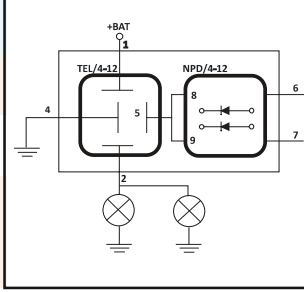
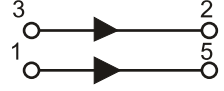
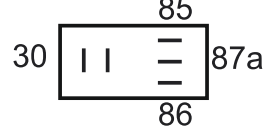
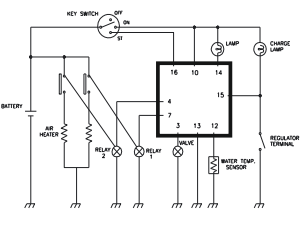
Regulators for Motorbikes and Mopeds
Régulateurs pour Motorcyclettes et Cyclomoteurs

	Regulador de Tensión <i>Voltage Regulator</i> <i>Régulateur de Tension</i>	04362	RGU/2-A	-	12V. 8,5Amp.	
	VESPA					

Varios / Various/ Divers

Varios Various Divers

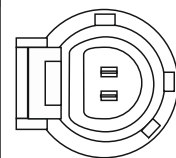
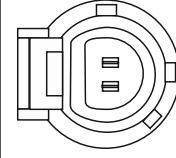
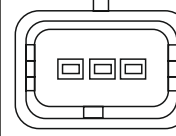
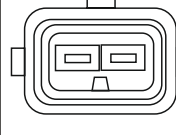
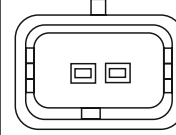
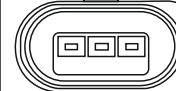
11

	DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	WATTS	CONEXIONES
	Encendido Luces Automático	04685	CTEL/5-12	-	12 V	40 A	
	<i>Daytime running lights</i> <i>Dispositif d'allumage automatique des feux de croisement</i> Enciende automáticamente las luces de cruce cuando el motor está en marcha. / <i>Switches on the low beam headlights automatically when the engine is started.</i> Apaga las luces cuando el motor no está en marcha. / <i>Turns off the low beam headlights when you stop the engine</i>	03343	TEL/4-12	-	12 V	40 A	
	Central de Tiempos <i>Timing Central</i> <i>Centrale de Temps</i> PEGASO	05477	CTP/24-24	C	24 V		
	Sonda Nivel de Agua <i>Water Level Sensor</i> <i>onde Niveau D'eau</i> UNIVERSAL / STANDARD / UNIVERSEL	04415	SON/4	-	12 y 24 V		
	Porta Diodos <i>Diode Box</i> <i>Boitier Porte-Diodes</i> UNIVERSAL / STANDARD / UNIVERSEL	04365	NPD/4-12	-	12 V	3 A	
	Optoacoplador <i>Optocouple</i> <i>Optocouple</i> RENAULT	02228	MAF/4-12	-	12 V	120 mA	
	Unidad Control Calentamiento Aire <i>Air Heater Control Unit</i> <i>Unité Contrôle Chauffage d'air</i> NISSAN	04566	UBD/16-12	C	12 V		

SENSORES / Sensors / Capteur

12

Sensores Cigüeñal Crankshaft Sensors Capteurs Régime

DESCRIPCIÓN	CÓDIGO	REFERENCIA	RESISTENCIA	OTROS	CONEXIONES
 Sensor Cigüeñal <i>Crankshaft Sensor</i> <i>Capteur Régime</i> DACIA: 6001548175 DACIA: 8200436025 NISSAN: 23798-00QAC RENAULT: 7700101969	06001	SR445/2-12	250 Ohm	Position 360°	
Nueva/New/Nouveau					
 Sensor Cigüeñal <i>Crankshaft Sensor</i> <i>Capteur Régime</i> RENAULT: 7700101970 RENAULT: 7700103069 RENAULT: 8200468645	06002	SR446/2-12	250 Ohm	Position 180°	
Nueva/New/Nouveau					
 Sensor Cigüeñal <i>Crankshaft Sensor</i> <i>Capteur Vitesse/Régime</i> CITROËN/PEUGEOT : 1920-EH CITROËN/PEUGEOT : 9637220880	06003	SR334/3-12		Technology: Hall	
Nueva/New/Nouveau					
 Sensor Cigüeñal <i>Crankshaft Sensor</i> <i>Capteur Vitesse</i> FORD: 1143723 FORD: 2S7Q-6C315-AC	06004	SR535/2-12	400 Ohm	High/Hauteur: 38mm	
Nueva/New/Nouveau					
 Sensor Cigüeñal <i>Crankshaft Sensor</i> <i>Capteur Vitesse/Régime</i> CITROËN/PEUGEOT: 1920-AW CITROËN/PEUGEOT: 9637465980 FIAT: 9637465980	06005	SR335/2-12	500 Ohm	High/Hauteur: 47,03mm Position 90°	
Nueva/New/Nouveau					
 Sensor Cigüeñal <i>Crankshaft Sensor</i> <i>Capteur Vitesse</i> VAG: 045906433A	06006	SR549/3-12	400 Ohm	High/Hauteur: 18,45mm	
Nueva/New/Nouveau					

SENSORES / Sensors / Capteur

Sensores Árbol de Levas

Camshaft Sensors

Capteurs d'arbre à Came

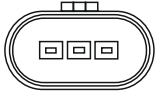
12

DESCRIPCIÓN	CÓDIGO	REFERENCIA	RESISTENCIA	OTROS	CONEXIONES
	Sensor Árbol de Levas	06007	SR542/3-12		Height/Hauteur: 24.3mm
	<i>Camshaft Sensor</i>	Nueva/New/Nouveau			
	<i>Capteur d'arbre à Came</i>				
	VAG: 90307601C VAG: 90307601D VAG: 90307601E				
	Sensor Árbol de Levas	06008	SR520/3-12	3kOhm	Height/Hauteur: 24.3mm
	<i>Camshaft Sensor</i>	Nueva/New/Nouveau			
	<i>Capteur d'arbre à Came</i>				
	VAG: 03D907601 VAG: 030907601 VAG: 030907601D				

Sensores Motor

Engine Management Sensors

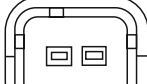
Capteurs d'impulsion Volant Moteur

	Sensor Motor	06009	SR572/3-12	Height/Hauteur: 38mm	
	<i>Engine Management Sensor</i>	Nueva/New/Nouveau			
	<i>Capteur d'impulsion Volant Moteur</i>				
	FORD: 1717564 FORD: BK21-6C315-AA CITROËN/PEUGEOT: 9675323280				

Sensores Temperatura

Temperature Sensors

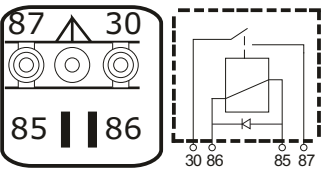
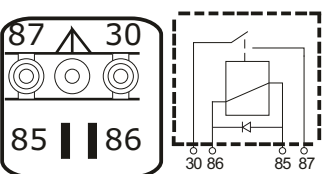
Capteurs de Temperature

	Sensor Temperatura	06010	SR332/2-12	5000 Ohm	Height/Hauteur: 25mm	
	<i>Temperature Sensor</i>	Nueva/New/Nouveau				
	<i>Capteur de Température</i>					
	CITROËN/PEUGEOT: 1338-A7 CITROËN/PEUGEOT: 1338-88 CITROËN/PEUGEOT: 9636777180					

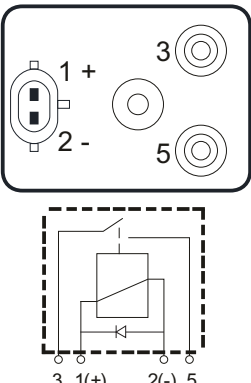
Relés / Relays / Relais

Relés de Potencia Interruptores con diodo Normally Open Power Relays Multi-Purpose with diode Relais Contacteurs Puissance avec diode

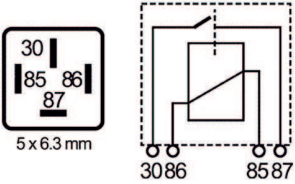
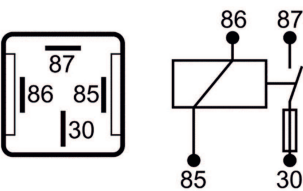
2

DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOP.	VOLTS	AMP.	PROTEC.	TIPO	CONEXIONES
 Relé Interruptor con diodo <i>Normally Open Relay with diode</i> <i>Relai Contacteur avec diode</i> UNIVERSAL / STANDARD / UNIVERSEL	02371	RL/180-12D	C	12 V	100 A			
	02199	RL/80-24D	C	24 V	60 A			
 Relé Interruptor con diodo <i>Normally Open Relay with diode</i> <i>Relai Contacteur avec diode</i> UNIVERSAL / STANDARD / UNIVERSEL	02372	RP/120-12D	C	12 V	120 A			
	02428	RP/100-24D	C	24 V	100 A			

Relés Alta Potencia 12V/300A 24V/200A con diodo High Current Relays with diode Relais Hautes Puissances avec diode

 Relé Interruptor con diodo <i>Normally Open Relay with diode</i> <i>Relai Contacteur avec diode</i> UNIVERSAL / STANDARD / UNIVERSEL Aplicaciones: . Desconector batería . Control bombas eléctricas . Comutación de baterías auxiliares . Control calefactores o bujías diesel . Direcciones eléctricas . Control de motores	02429	RP250/1-12D	C	12 V	300 A			
	02430	RP250/1-24D	C	24 V	200 A			

Relés Especiales 12/24 V. Special Relays 12/24V. Relais Espéciaux 12/24 V

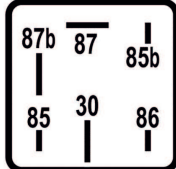
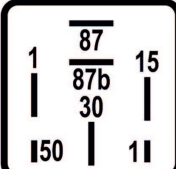
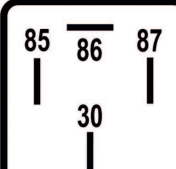
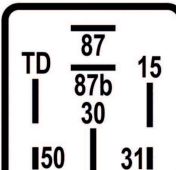
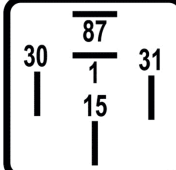
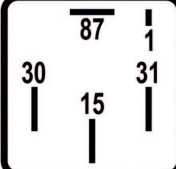
 Relé Estando <i>Sealed Relay</i> <i>Relai Étanche</i> UNIVERSAL / STANDARD / UNIVERSEL	02255	RLPF/4-12	A	12 V	40 A			
 Relé con Fusible <i>Relay with fuse</i> <i>Relai avec Fuse</i> UNIVERSAL / STANDARD / UNIVERSEL	02431	RLFU/4-12	A	12 V	15 A			
	02432	RLFU/4-24	A	24 V	15 A			

Relés / Relays / Relais

2

Relés Bomba de Combustible

Fuel Pump Relays
Relais de la Pompe à Carburant

DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOP.	VOLTS	AMP.	PROTEC.	TIPO	CONEXIONES
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> GM 1238539, 1238540, 1238549, 90225811 GM 90230894, 90240698, 90378651 OPEL 1238539, 1238540, 1238549, 1238966	02433	RBC/01-12	D	12 V	7.5A			
								Nueva/New/Nouveau
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> AUDI 321906059D, 321906059E AUDI 321906059F, 443906059A, 443907385 VW 321906059D, 321906059E, 321906059F VW 443906059A, 44397385	02434	RBC/03-12	-	12 V	16A			
								Nueva/New/Nouveau
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> GM 1238563, 1238566, 90124673, 90158189 GM 90158443 OPEL 1238563, 1238566	02435	RBC/04-12	A,D	12 V	16A			
								Nueva/New/Nouveau
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> AUDI 357906381 VW 357906381	02448	RBC/07-12	-	12 V	7.5A.			
								Nueva/New/Nouveau
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> ALFA ROMEO 195051104300, 605343160 FIAT 60534316, 7628059, 7750754 PEUGEOT 655522, 95496621	02436	RBC/08-12	A	12 V	16A			
								Nueva/New/Nouveau
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> FORD 6107322, 82GG9P704AA	02437	RBC/09-12	D	12 V	16A			
								Nueva/New/Nouveau
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> AUDI, VW 321906059G, 443907385B	02438	RBC/10-12	-	12 V	16A			
								Nueva/New/Nouveau

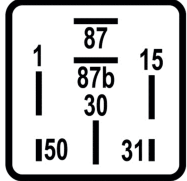
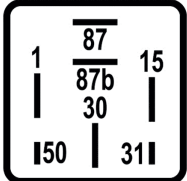
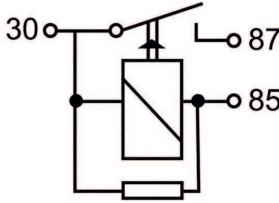
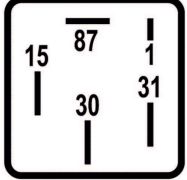
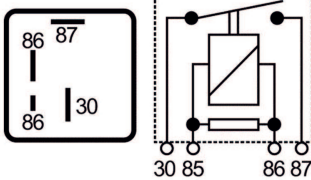
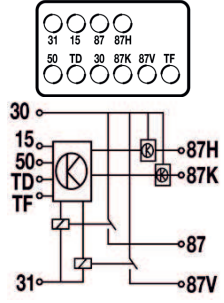
Relés / Relays / Relais

Relés Bomba de Combustible

Fuel Pump Relays

Relais de la Pompe à Carburant

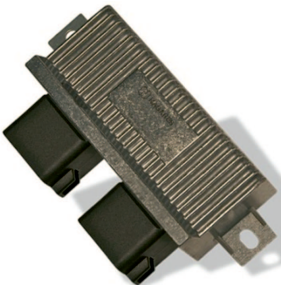
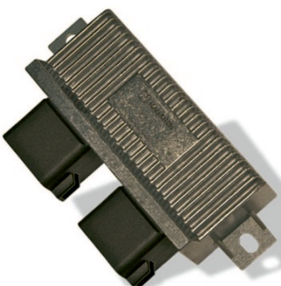
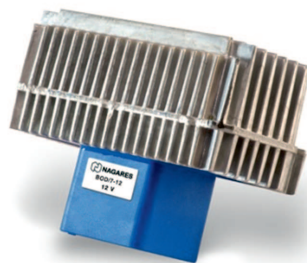
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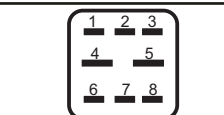
DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOP.	VOLTS	AMP.	PROTEC.	TIPO	CONEXIONES
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> AUDI 3059060591 FIAT 7717686 OPEL 1238542 RENAULT 7700715675 VOLVO 1326730, 285227, 3285227 VW 3059060591	02439	RBC/14-12	-	12 V	16A.			
								Nueva/New/Nouveau
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> ALFA ROMEO 164761113500, 59469230 CITROËN 91000409, 91541882 FERRARI 124717 FIAT 5946923, 60800132, 7750753 FORD V85AB9P704AA	02440	RBC/16-12	A	12 V	16A.			
								Nueva/New/Nouveau
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> VW 1J0906381A, 357906381, 357906381A	02441	RBC/17-12	-	12 V	7.5A.			
								Nueva/New/Nouveau
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> AUDI, VW 321906059H, 443907385C, 443907385G, 443907385H	02442	RBC/20-12	A	12 V	16A.			
								Nueva/New/Nouveau
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> VAG 191906383C	02447	RBC/21-12	D	12 V	40A.			
								Nueva/New/Nouveau
 Relé Bomba Combustible <i>Fuel Pump Relay</i> <i>Relai de la Pompe à Carburant</i> MERCEDES BENZ 0035451705 MERCEDES BENZ 0035452405	02445	RBCM/27-12	-	12 V	10A.			
								Nueva/New/Nouveau

Dispositivos Control Diesel / Diesel Control Devices / Dispositifs de Contrôle Diesel

Módulos de Precalentamiento Diesel (C.C. y Diagnosis) Diesel Pre-Heating Module (S.C. and Diagnosis) Module Préchauffage Diesel (C.C. et Diagnostique)

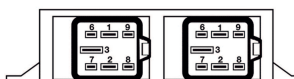
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	CÓDIGO	REFERENCIA	SOPORTE	VOLT	REFERENCIAS CRUZADAS	CONEXIONES
	04646	PDR/8-12	C	12 V	RENAULT NISSAN	110678071R 110678071R
	Unidad de Pre-Post Calentado de Motores Diesel para Motores Euro 5-Euro6 <i>Euro 5- Euro 6</i> <i>Diesel Glow Plug Control Unit</i> <i>Bòitier Pre-Post Chauffage Diesel Euro 5 - Euro 6</i>				<i>Nueva/New/Nouveau</i>	
	03419	BEDDI/14-12	C	12 V	ISUZU SAAB SAAB	8972877140 5340138 5343538
	Módulos de Precalentamiento Diesel 6 Cilindros Isuzu <i>Diesel Pre-Heating Module Isuzu 6 Cylinders</i> <i>Module Préchauffage Diesel 6 Cilindres Isuzu</i>				<i>Nueva/New/Nouveau</i>	
	03420	BEDDR/14-12	C	12 V	RENAULT	8200054946-B
	Módulos de Precalentamiento Diesel 6 Cilindros Renault <i>Diesel Pre-Heating Module Renault 6 Cylinders</i> <i>Module Préchauffage Diesel 6 Cilindres Renault</i>				<i>Nueva/New/Nouveau</i>	
	03421	BOD/7-12	-	12 V	GM OPEL SUZUKI	55353011 62 35 240 55353011
	Módulo de Precalentamiento Diesel (C.C. y Diagnosis) <i>Diesel Pre-Heating Module (S.C. y Diagnosis)</i> <i>Module Préchauffage Diesel (C.C. et Diagnostique)</i>				<i>Nueva/New/Nouveau</i>	
	03422	BOD/9-12	-	12 V	GM OPEL	55557760 1232076
	Módulo de Precalentamiento Diesel (C.C. y Diagnosis) <i>Diesel Pre-Heating Module (S.C. y Diagnosis)</i> <i>Module Préchauffage Diesel (C.C. et Diagnostique)</i>				<i>Nueva/New/Nouveau</i>	

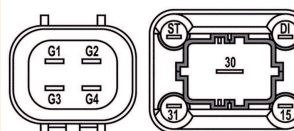
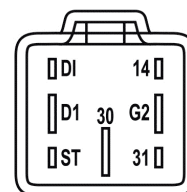
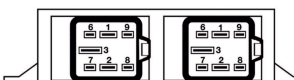


1	GLOW PLUG 3 (B3)	BOUGIE 3 (B3)
2	GLOW PLUG 1 (B1)	BOUGIE 1 (B1)
3	DIAG	DIAG
4	+BAT	+BAT
5	GND	GND
6	GLOW PLUG 4 (B4)	BOUGIE 4 (B4)
7	GLOW PLUG 2 (B2)	BOUGIE 2 (B2)
8	CTRL	CDE

1	GP1	1	GP2
2	GP3	2	GP4
3	+BAT 1	3	+BAT 2
6	GP5	6	GP6
7		7	
8	CTRL	8	CTRL
9	DIAG 1	9	DIAG 2



1	GP1	1	GP2
2	GP3	2	GP4
3	+BAT 1	3	+BAT 2
6	GP5	6	GP6
7		7	
8	CTRL	8	CTRL
9	DIAG 1	9	DIAG 2



Dispositivos Control Diesel / Diesel Control Devices / Dispositifs de Contrôle Diesel

3

Módulos de Precalentamiento Diesel (C.C. y Diagnosis) Diesel Pre-Heating Module (S.C. and Diagnosis) Module Préchauffage Diesel (C.C. et Diagnostique)

	CÓDIGO	REFERENCIA	SOPORTE	VOLT	REFERENCIAS CRUZADAS	CONEXIONES
	03423	BOL/7-12	-	12 V	GM GM OPEL OPEL OPEL OPEL <i>Nueva/New/Nouveau</i>	55354141 9132691 6237637 6235303 1237976 90508974
	03424	BOL/9-12	-	12 V	GM OPEL OPEL <i>Nueva/New/Nouveau</i>	55557761 55557761 1232077
	03425	TGV/9-12	-	12 V	AUDI SEAT SKODA VW 04L907282 <i>Nueva/New/Nouveau</i>	04L907282 04L907282 04L907282 04L907282

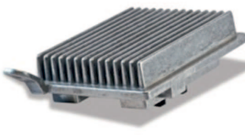
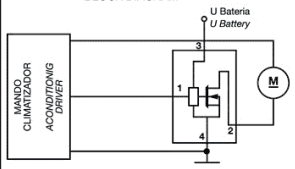
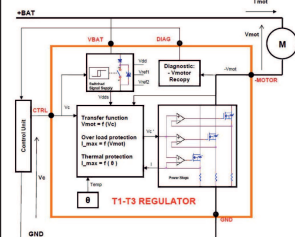
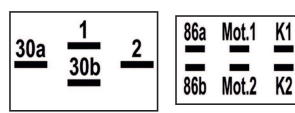
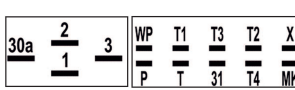
Temporizadores de Precalentamiento Pre-Heating Timers Temporisateurs de Préchauffage

	03426	TGF/10-12	C	12 V	ALFA ROMEO ALFA ROMEO ALFA ROMEO FIAT FIAT FIAT FIAT FIAT FIAT LANCIA LANCIA <i>Nueva/New/Nouveau</i>	51771823 51888255 60816316 51771823 46742375 60801874 46807091 60816316 51888255 51888255 51771823	
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Módulos Control Climatización / Control Module Air Conditioning / Module Contrôle Climatisation

Módulo Control Climatización Control Module Air Conditioning Module Contrôle Climatisation

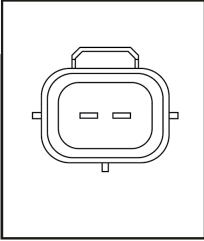
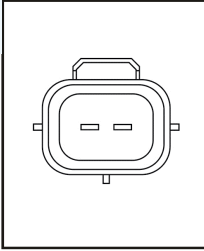
9

DESCRIPCIÓN	CÓDIGO	REFERENCIA	SOPORTE	VOLTS	WATTS	CONEXIONES
 Módulo Control Climatización Mercedes Control Module Air Conditioning for Mercedes Module Contrôle Climatisation Mercedes MERCEDES A0028215051	04297	MPVM/5-12	C	12V	-	DIAGRAMA BLOQUES BLOCK DIAGRAM 
Nueva/New/Nouveau						
 Módulo Lineal Ventilador Climatizador PSA T1 & T3 HVAC LPM PSA T1&T3 Control Module Air Conditioning HVAC LPM Module Contrôle Climatisation	04693	MTU/1-12	-	12V	-	
Nueva/New/Nouveau						
 Módulo Control Climatización Control Module Air Conditioning Module Contrôle Climatisation VW, SEAT 357919506	04968	MCV/6-12	-	12V	-	
Nueva/New/Nouveau						
 Módulo Control Climatización Control Module Air Conditioning Module Contrôle Climatisation AUDI, SEAT, SKODA, VW 1J0919506M	04969	MCV/10-12	-	12V	-	
Nueva/New/Nouveau						

Sensores / Sensors / Capteur

Sensores Árbol de Levas
Camshaft Sensors
Capteurs d'arbre à Came

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DESCRIPCIÓN	CÓDIGO	REFERENCIA	RESISTENCIA	OTROS	CONEXIONES
 Sensor Temperatura <i>Temperature Sensor</i> <i>Capteurs de Temperature</i> NAVISTAR 1881015C92	04921	STA/2-12		12V	
 Sensor Temperatura <i>Temperature Sensor</i> <i>Capteurs de Temperature</i> NAVISTAR 3006479C91	04922	STA2/2-12		12V	



Palencia - Spain



Valladolid - Spain



Valencia - Spain



Motilla del Palancar - Spain



Motilla del Palancar - Spain



Motilla del Palancar - Spain

**grupo
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