







**ČAJAVEC**  
FABRIKA SIGNALNIH URE\AJA  
a.d. Laktaši

# ELEKTRONSKI RELEJI



**RELEJI @MIGAVACA  
FLASHER RELAYS**

	Raspored priklju-aka Mounting hole layout	Tip Type	Ident gl. sklopa Assy Ident	Broj priklju-aka Terminals	Nos- Bracket	Napon (V) Voltage (V)	Radno optere. (W) Working load (W)	Primjena Application	Uporedna oznaka Interchangeable with			
									BOSCH	HELLA	ITALAMEC	ISKRA
		RE-16.5	748200	4	+	12	2+1x21+5 6x21	Putni-ka vozila Passenger cars AUDI,BMW,DAIHATSU,FORD,HONDA, MAZDA,MERCEDES-BENZ,MITSUBISHI ,NISSAN-DATSUN,OPEL,PORSHE,SAAB, [KODA,SUBARY,SUZUKI,TOJOTA,VW	0335 200 041	4DM 004 420-107		
		RE-06	744716	3	+	6	10	Moped				


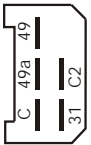



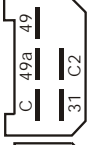
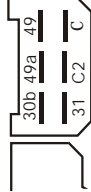


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									BOSCH	HELLA	ITALAMEC	ISKRA
		RE-14.2	513495	3	-	12	4x21+2x5	Putni-ka vozila Passenger cars VAZ-2108 (LADA SAMARA)				
		RE-14.3	513870	3	+	12	4x21+2x5	Putni-ka vozila Passenger cars BMW, MERCEDES, PORSCHE, VOLVO, AUDI, FORD, SAAB, NISSAN, OPEL, ZASTAVA: YUGO SKALA	0 335 200 038	4DB 03 730071 4DB 03 730661	3872 462 4911	AP 1115 11280020
		RE-14.5	514075	3	-	12	4x21+2x5	Putni-ka vozila Passenger cars PEUGEOT, CITROEN, J KODA, VOLVO, AUDI, FORD, FIAT, LADA, OPEL, VW, ZASTAVA: KORAL, FLORIDA	0 335 200 079	4DB 02 85-011 4DB 03 730661	299 387, 4461, 491	AP 1116 11280035
		RE-16.1	513445	4	-	12	4x21+2x5	Putni-ka vozila Passenger cars FIAT IVECO			379	AP 1125 11280044
		RE-16.2	514078	4	-	12	4x21+2x5	Putni-ka vozila Passenger cars FIAT (FSO-POLJSKA)			4242	AP 1127 11280046
		RE-16.3	744503	4	-	24	4x21+2x5	Privredna vozila Commercial vehicles FIAT IVECO, ZASTAVA				
		RE-16.4	748190	4	-	12	4x21+2x5	Putni-ka vozila Passenger cars FORD, PORSCHE, SAAB, VOLVO, FIAT, RENAULT, PEUGEOT, CITROEN, LADA	0 335 200 078	4DB 03 425-061 4DB 03 425-041		



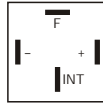

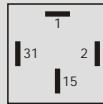

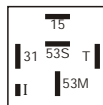


**RELEJI @MIGAVACA  
FLASHER RELAYS**

	Raspored priklju-aka Mounting hole layout	Tip Type	Ident gl. sklopa Assy ident	Broj priklju-aka Terminals	Nos- Bracket	Napon (V) Voltage (V)	Radno optere. (W) Working load (W)	Primjena Application	Uporedna oznaka Interchangeable with			
									BOSCH	HELLA	ITALAMEC	ISKRA
		RE-17.1	514068	5	+	12	2x(2+1)x21	Gra evinske i poljoprivredne mašine Engineering and agricultural machines IMT, TORPEDO, TAM, TOMO VINKOVI], RADOJE DAKI]				AEP 103 1129003
		RE-24.1	521590	11	+	24	2x(3+1)x21	Privredna vozila Commercial vehicles MAN, TAM, IVECO-MAGIRUS MERCEDES, FAP, FODEN				AEP 1203 1129008
		RE-24.3	748205	11	+	24	2x(2+1)x21	MAN, DAF, MAGIRUS=DEUTZ, IVECO-MAGIRUS	0335215241	4DM 002 834-191/001 4DM 002 834-107/101 4DM 004 356-011		AEP 1202 11.260.007
		RE-24.2	578766	5	+	24	2x(2+1)x21	Privredna vozila Commercial vehicles TAM, FAP i IKARBUS		4DM 003 474-001		AEP 104 1129005 AEP 106 1129001
		RE-24.4	748210	6	+	24	2x(2+1)x21	Privredna vozila Commercial vehicles AUWARTER, BERNA, FAUN, SAURER, STEYR-DAIMLER, PUCH, TATRA, VOLVO, DAF, HANOMAG HENSCHTEL, MAN, MERCEDES-BENZ, KASSBOHRER	0335 215 143 0335 215 154	4DW 003 944-051		AEP 1137 11.260.060



**PROGRAMATOR BRISA^A STAKLA  
CONTROLLER WINDSCREEN WIPER**

	Raspored priklju-aka Mounting hole layout	Tip Type	Ident gl. sklopa Assy Ident	Broj priklju-aka Terminals	Nos- Bracket	Napon (V) Voltage (V)	Intervalno brisanje Interval of wiping	Brisanje nakon rada pumpe Wiping after used pump	Primjena Application	Uporedna oznaka Interchangeable with			
										BOSCH	HELLA	ITALAMEC	ISKRA
		RA-23	513484	4	-	12	(14+2) cikl./min		Putni-ka vozila Passenger cars ZASTAVA 101, JUGO 45, FIAT				
		RA-23.1	514215	4	+	12	(14+2) cikl./min						
		RE-31.1	513863	4	-	12	-	(5±1,5)s	Putni-ka vozila Passenger cars VAZ-2108 (LADA SAMARA)				
		RE-35.1	514074	6	-	12	(6+3) s	(3,5+2,5)s	Putni-ka vozila Passenger cars AUDI, CITROEN, PEUGEOT-205, SAAB, VW, OPEL, RENAULT, FORD	0 986 335 058 , 0 986 335 062 0 986 335 063 , 0 986 335 064	5WG 003 620-021	313, 377	AET 1203 1125025



**PROGRAMATOR BRISA^A STAKLA  
CONTROLLER WINDSCREEN WIPER**

	Raspored prikju-aka Mounting hole layout	Tip Type	Ident gl. sklopa Assy Ident	Broj prikju-aka Terminals	Nos- Bracket	Napon (V) Voltage (V)	Intervalno brisanje Interval of wiping	Brisanje nakon rada pumpe Wiping after used pump	Primjena Application	Uporedna oznaka Interchangeable with			
										BOSCH	HELLA	ITALAMEC	ISKRA
		RE-26	575590	6	+	24	(5±1)s	(4±1)s	Privredna vozila Commercial vehicles FAP, TAM-BUS, IKARBUS MERCEDES, IVECO-MAGIRUS, SAAB-SCANIA		5WG 002 450-151 , 5WG 002 450-187 5WG 002 450-197		AET 1102 11255005
		RE-27	513497	7	-	12	14 cikl./min.	(1-5) brisanja wiping	Putni-ka vozila Passenger cars VAZ-2108 (LADA SAMARA)				
		RE-43	514070	6	-	12	(4±20)s	(5,5±1)s	Putni-ka vozila Passenger cars ZASTAVA				AET 1201 11255014



**ELEKTRONSKI RELE ALARMA**  
**ELECTRONIC ALARM RELAY**

	Raspored priklju-aka Mounting hole layout	Tip Type	Ident. gl. sklopa Assy Ident	Broj priklju-aka Terminals	Nos- Bracket	Napon (V) Voltage (V)	Radno optere. (W) Working load (W)		Primjena Application	Uporedna oznaka Interchangeable with			
							Rotaciono svjetlo Rotational light	Sirena Horns		BOSCH	HELLA	ITALAMEC	ISKRA
		REA-01.1	521660	10	+	24	2 x 55	2 x 100	Za vozila specijalne namjene (Policija, sanitetska vozila i dr.) For special purpose vehicles (Police, ambulance, etc.)				
		REA-02	521584	10	+	12	2 x 55	2 x 100		Za vozila specijalne namjene (Policija, sanitetska vozila i dr.) For special purpose vehicles (Police, ambulance, etc.)	0 335 411 005	5AB 001 907-001	



**PODNAPONSKI RELEJ RE-50 (UNDER VOLTAGE RELAY)  
VREMENSKI RELEJ RE-51 ( RELAY FOR TIME)**

	Raspored priklju-aka Mounting hole layout	Tip Type	Ident gl. sklopa Assy Ident	Broj priklju-aka Terminals	Napon (V) Voltage (V)	Napon (V) Voltage (V)		Vrijeme kašnjenja (s) Delay time (s)	Radno opterećenje (A) Working load (A)	Primjena Application	Uporedna oznaka Interchangeable with			
						Uklju-enja On	Isklju-enja Off				BOSCH	HELLA	WEBASTO	ISKRA
		RE-50	278720	8	24	(24 ± 1)	(22 ± 1)	(8 ± 1)	16	WEBASTO			364495	
		RE-51	278730	5	24			(120 ÷ 180)	16	WEBASTO			370096	



REFERENTNA LISTA ELEKTRONSKIH RELEJA  
REFERENT LIST OF ELECTRONIC RELAYS

Tip vozila Vehicle type	God. proizvodnje Year of production	BOSCH broj BOSCH No.	Ident	Tip Type	Tip vozila Vehicle type	God. proizvodnje Year of production	BOSCH broj BOSCH No.	Ident	Tip Type
BMW					PEUGEOT				
M3	-07.86.	0 335 200 038	513870	RE-14.3	104	10.72.-06.88.	0 335 200 078	748190	RE-16.4
M5	01.85.-12.87.	0 335 200 038	513870	RE-14.3	204	11.67.-07.77.	0 335 200 078	748190	RE-16.4
315-323i	07.75.-08.79.	0 335 200 038	513870	RE-14.3	304	09.72.-08.80.	0 335 200 078	748190	RE-16.4
315-325i	09.79.-	0 335 200 038	513870	RE-14.3	305	11.77.-10.88	0 335 200 078	748190	RE-16.4
518-528i	04.81.-12.87.	0 335 200 038	513870	RE-14.3	504	10.70.-	0 335 200 078	748190	RE-16.4
628csi-638csi	03.82.-	0 335 200 038	513870	RE-14.3	505	05.79.-	0 335 200 078	748190	RE-16.4
728	09.81.-08.86.	0 335 200 038	513870	RE-14.3	604	08.75.-06.86.	0 335 200 078	748190	RE-16.4
732	09.81.-08.86.	0 335 200 038	513870	RE-14.3					
733	09.81.-08.86.	0 335 200 038	513870	RE-14.3	PORSCHE				
735	09.81.-08.86.	0 335 200 038	513870	RE-14.3	911, CARRERA	12.88.-	0 335 200 038	513870	RE-14.3
745	09.81.-08.86.	0 335 200 038	513870	RE-14.3	924	01.76.-07.87.	0 335 200 038	513870	RE-14.3
CITROEN					928	09.79.-	0 335 200 038	513870	RE-14.3
ACIADIANE	02.78.-10.84.	0 335 200 078	748190	RE-16.4	944	07.81.-	0 335 200 038	513870	RE-14.3
AMI	06.69.-06.78.	0 335 200 078	748190	RE-16.4	RENAULT				
C15	10.84.-	0 335 200 078	748190	RE-16.4	FUEGO	03.80.-10.85.	0 335 200 078	748190	RE-16.4
CX	10.75.-	0 335 200 078	748190	RE-16.4	R4	10.76.-	0 335 200 078	748190	RE-16.4
DIANE 6	01.68.-07.83.	0 335 200 078	748190	RE-16.4	R5	01.72.-12.85.	0 335 200 078	748190	RE-16.4
GS	08.70.-06.80.	0 335 200 078	748190	RE-16.4	R6	10.68.-08.80.	0 335 200 078	748190	RE-16.4
GSA	09.79.-07.86.	0 335 200 078	748190	RE-16.4	R12	10.69.-08.80.	0 335 200 078	748190	RE-16.4
GSX	08.74.-06.80.	0 335 200 078	748190	RE-16.4	R14	05.76.-06.83.	0 335 200 078	748190	RE-16.4
LN	11.76.-07.79.	0 335 200 078	748190	RE-16.4	R15	10.71.-08.79.	0 335 200 078	748190	RE-16.4
LNA	11.78.-06.86.	0 335 200 078	748190	RE-16.4	R16	01.71.-08.80.	0 335 200 078	748190	RE-16.4
MEHARI	05.68.-12.85.	0 335 200 078	748190	RE-16.4	R17	09.73.-08.79.	0 335 200 078	748190	RE-16.4
VISA	09.78.-03.91.	0 335 200 078	748190	RE-16.4	R18	04.78.-02.86.	0 335 200 078	748190	RE-16.4
2CV	01.70.-07.90.	0 335 200 078	748190	RE-16.4	R20	07.77.-12.83.	0 335 200 078	748190	RE-16.4
MERCEDES					R30	10.76.-12.83.	0 335 200 078	748190	RE-16.4
230G, GE(460)	03.79.-	0 335 200 038	513870	RE-14.3	RODEO 4,5,6	10.70.-05.85.	0 335 200 078	748190	RE-16.4
240GD(460)	03.79.-08.87.	0 335 200 038	513870	RE-14.3					
250GD(460)	09.87.-	0 335 200 038	513870	RE-14.3					
280GE(460)	11.79.-08.89.	0 335 200 038	513870	RE-14.3					
300GD(460)	12.79.-	0 335 200 038	513870	RE-14.3					

REFERENTNA LISTA ELEKTRONSKIH RELEJA  
REFERENT LIST OF ELECTRONIC RELAYS

Tip vozila Vehicle type	God. proizvodnje Year of production	BOSCH broj BOSCH No.	Ident	Tip Type	Tip vozila Vehicle type	God. proizvodnje Year of production	BOSCH broj BOSCH No.	Ident	Tip Type
VOLVO					SAAB				
240..	08.74.-	0 335 200 038	513870	RE-14.3	90	08.84.-08.87.	0 335 200 078	748190	RE-16.4
260..	08.74.-07.84.	0 335 200 038	513870	RE-14.3	95	09.70.-04.78.	0 335 200 078	748190	RE-16.4
340..	08.79.-	0 335 200 038	513870	RE-14.3	96	09.70.-01.80.	0 335 200 078	748190	RE-16.4
360..	08.82.-	0 335 200 038	513870	RE-14.3	99	09.75.-12.84.	0 335 200 078	748190	RE-16.4
					900	09.78.-	0 335 200 078	748190	RE-16.4
					9000	05.85.-	0 335 200 078	748190	RE-16.4
AUDI					OPEL				
80	08.72.-	0 335 200 079	514075	RE-14.5					
90	10.84.-	0 335 200 079	514075	RE-14.5					
100	01.69.-	0 335 200 079	514075	RE-14.5	CORSA	03.83.-	0 335 200 079	514075	RE-14.5
200	09.79.-	0 335 200 079	514075	RE-14.5	KADET B	08.69.-07.73.	0 335 200 079	514075	RE-14.5
					KADET C	08.73.-07.79.	0 335 200 079	514075	RE-14.5
[KODA					ASCONA C	09.81.-	0 335 200 079	514075	RE-14.5
					MANTA B	08.75.-	0 335 200 079	514075	RE-14.5
100L	01.70.-12.77.	0 335 200 078	748190	RE-16.4	RECORD E	09.77.-09.86.	0 335 200 079	514075	RE-14.5
110L,LS,R	01.70.-12.81.	0 335 200 078	748190	RE-16.4	OMEGA	10.86.-	0 335 200 079	514075	RE-14.5
					COMMODORE	09.78.-07.82.	0 335 200 079	514075	RE-14.5
TALBOT					VW				
HORIZON	07.79.-06.86.	0 335 200 078	748190	RE-16.4					
MATRA Baghera	07.79.-08.80.	0 335 200 078	748190	RE-16.4	1200	08.83.-12.85.	0 335 200 079	514075	RE-14.5
MATRA Murena	09.80.-07.84.	0 335 200 078	748190	RE-16.4	POLO	03.85.-	0 335 200 079	514075	RE-14.5
MATRA Rancho	07.79.-07.84.	0 335 200 078	748190	RE-16.4	DERBY	02.77.-01.85.	0 335 200 079	514075	RE-14.5
SOLARA	02.80.-04.84.	0 335 200 078	748190	RE-16.4	GOLF 1,2	07.74.-	0 335 200 079	514075	RE-14.5
2 LITRES	07.79.-09.80.	0 335 200 078	748190	RE-16.4	JETTA	08.79.-	0 335 200 079	514075	RE-14.5
1100.. City laster	07.79.-06.85.	0 335 200 078	748190	RE-16.4	SCIROCCO	05.74.-	0 335 200 079	514075	RE-14.5
1510	07.79.-06.82.	0 335 200 078	748190	RE-16.4	PASAT	05.73.-	0 335 200 079	514075	RE-14.5
					LT	04.75.-	0 335 200 079	514075	RE-14.5
FORD					SANTANA				
						09.81.-01.85.	0 335 200 079	514075	RE-14.5
ESCORT	za sve (all types)	0 335 200 079	514075	RE-14.5					
ORION	08.83.-	0 335 200 079	514075	RE-14.5					
TAUNUS	02.76.-09.82.	0 335 200 079	514075	RE-14.5					
SIERRA	10.82.-	0 335 200 079	514075	RE-14.5					
CAPRI	09.72.-12.84.	0 335 200 079	514075	RE-14.5					

REFERENTNA LISTA ELEKTRONSKIH RELEJA  
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Tip vozila Vehicle type	God. proizvodnje Year of production	BOSCH broj BOSCH No.	Ident	Tip Type	Tip vozila Vehicle type	God. proizvodnje Year of production	HELLA broj HELLA No.	Ident	Tip Type
OPEL					SAAB SCANIA				
CORSA	03.83.-	0 986 335 058	514074	RE-35.1	T82 - R142	07.80.-	5WG 002 450-197	575590	RE-26
KADET D	08.79.-09.84.	0 986 335 058	514074	RE-35.1					
KADET E	10.84.-	0 986 335 058	514074	RE-35.1	DAIMLER-				
ASCONA C	09.81.-	0 986 335 058	514074	RE-35.1	BENZ				
OMEGA	10.86.-	0 986 335 058	514074	RE-35.1	L407D-613D	11.76.-12.85.	5WG 002 450-197	575590	RE-26
AUDI					L507D-811D	01.86.-	5WG 002 450-151	575590	RE-26
80	08.72.-	0 986 335 058	514074	RE-35.1	L709K-1320L	03.84.-	5WG 002 450-151	575590	RE-26
90	10.84.-	0 986 335 058	514074	RE-35.1	STYER-				
100	08.76.-	0 986 335 058	514074	RE-35.1	DAIMLER-				
200	09.79.-	0 986 335 058	514074	RE-35.1	PUCH				
COUPE	08.80.-	0 986 335 058	514074	RE-35.1	9S-14S	01.86.-	5WG 002 450-197	575590	RE-26
SAAB					791-1491	04.78.-09.87.	5WG 002 450-197	575590	RE-26
90	08.84.-07.87.	0 986 335 058	514074	RE-35.1	19S-40S	10.87.-	5WG 002 450-197	575590	RE-26
900	10.78.-	0 986 335 058	514074	RE-35.1	IVECO-				
9000	05.85.-	0 986 335 058	514074	RE-35.1	MAGIRUS				
VW					256M-320M	05.78.-	5WG 002 450-187	575590	RE-26
POLO	08.76.-	0 986 335 058	514074	RE-35.1	DAF				
DERBY	02.77.-01.85.	0 986 335 058	514074	RE-35.1	FA900-FA2800	10.74.-	4DW 004 356-037	521590	RE-24.1
GOLF 1,2	08.77.-	0 986 335 058	514074	RE-35.1	MAN				
JETTA	08.79.-	0 986 335 058	514074	RE-35.1		svi tipovi (all types)	4DW 004 356-037	521590	RE-24.1
SCIROCCO	08.75.-	0 986 335 058	514074	RE-35.1					
PASAT	08.75.-	0 986 335 058	514074	RE-35.1					