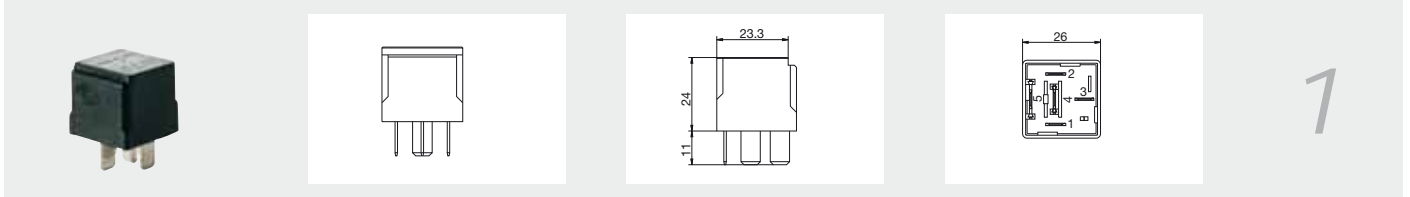
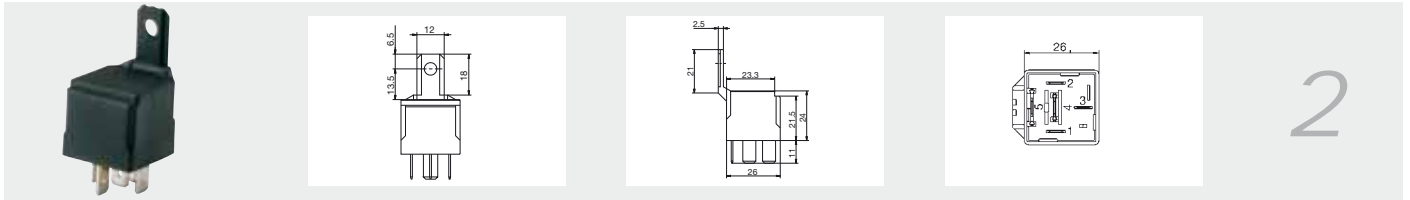


## Relay without bracket - S2



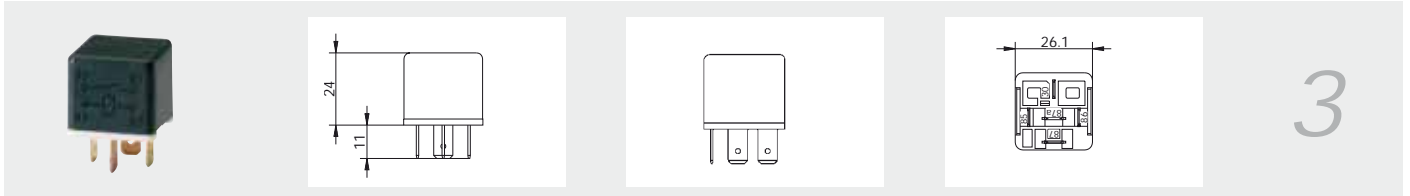
1

## Relay with bracket - S2



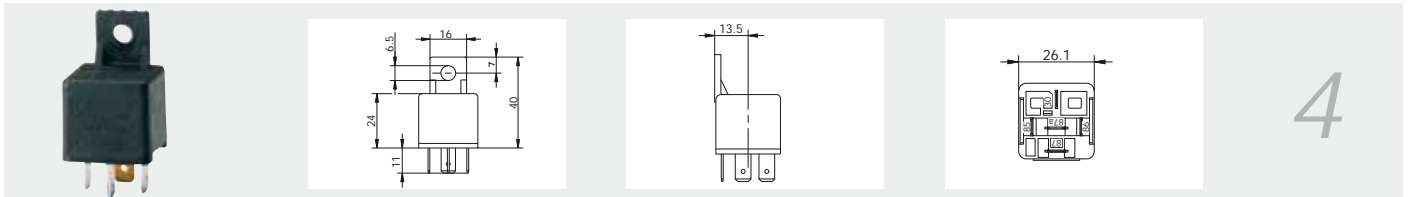
2

## Relay without bracket - S1



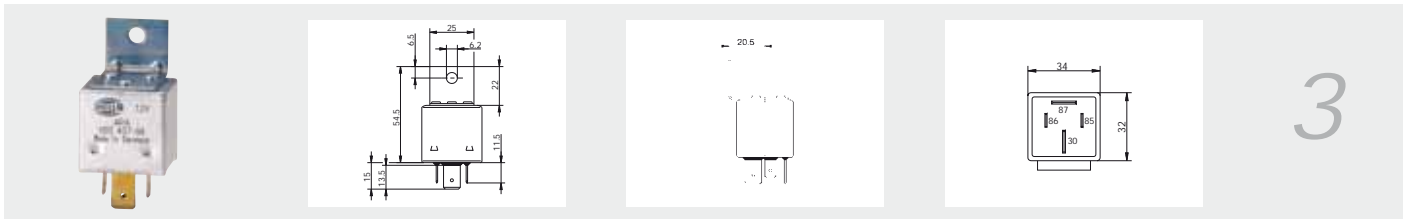
3

## Relay with bracket - S1



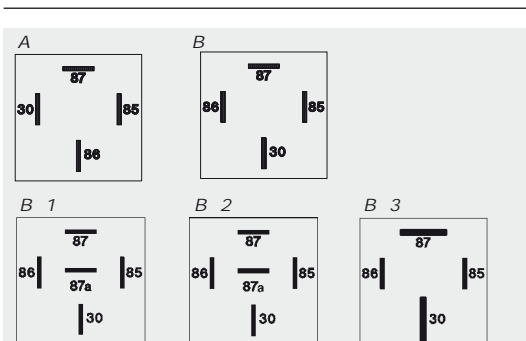
4

## High-power make contact relay / Battery cut-off relay

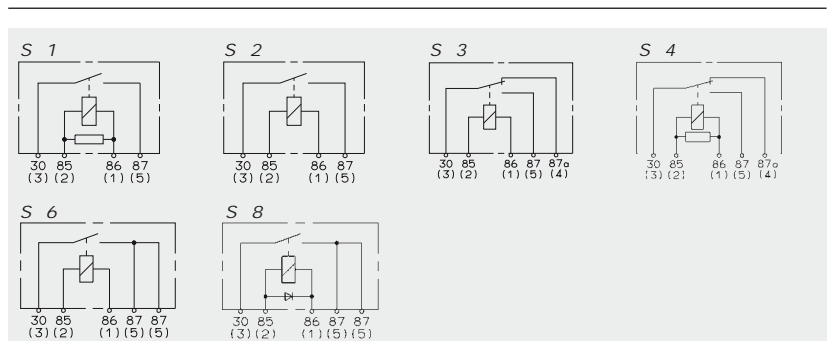


3

## Plug matrices



## Switching matrices



Plug matrices acc. to ISO 7588 / Blade connectors acc. to ISO 8092

## Contacts

Current appl. (A)	Ohmic load				Inductive load				Light load				Simplified drawing	Plug matrix	Switching matrix	Coil resistance	Parallel resistance	Parallel diode	Contact resistance	Pack.	Part number
	Make contact (87)		Break contact (87a)		Make contact (87)		Break contact (87a)		Make contact (87)		Break contact (87a)										
	Nominal switching current (A)	No. of switchings (thous.)	Nominal switching current (A)	No. of switchings (thous.)	Nominal switching current (A)	No. of switchings (thous.)	Nominal switching current (A)	No. of switchings (thous.)	Nominal switching current (A)	No. of switchings (thous.)	Nominal switching current (A)	No. of switchings (thous.)				Ohm	Ohm	1N <sub>4005</sub>	mV/10A		
<b>12 V</b>																					
40	30	100	-	-	30	100	-	-	30	150	-	-	1	B	S1	85	470	-	50	E	4RA 007 791-011
40	30	100	-	-	30	100	-	-	30	150	-	-	3	B	S1	85	470	-	50	E	4RA 007 791-021
50	50	100	-	-	50	100	-	-	50	100	-	-	1	B3	S1	100	470	-	50	E	4RA 007 793-031
50	50	100	-	-	50	100	-	-	50	100	-	-	3	B3	S1	100	470	-	50	E	4RA 007 793-041
40	30	100	-	-	25	100	-	-	16	100	-	-	4	A	S2	85	-	-	50	E	4RA 003 510-081
40	30	100	-	-	25	100	-	-	16	100	-	-	4	B2	S6	85	-	-	50	E	4RA 003 510-261
40	30	100	-	-	25	100	-	-	16	100	-	-	2	B	S2	85	-	-	50	E	4RA 003 510-111
40	30	100	-	-	25	100	-	-	16	100	-	-	2	B2	S6	85	-	-	50	E	4RA 003 510-131
40	30	100	-	-	25	100	-	-	16	100	-	-	4**	B2	S8	85	-	X	50	E	4RA 940 010-671
60	70	100	-	-	50	100	-	-	20	50	-	-	5	B	S2	85	-	-	50	E	4RA 003 437-041
60	70	100	-	-	50	100	-	-	20	50	-	-	5	B	S2	85	-	-	50	I	4RA 003 437-047
60	70	100	-	-	50	100	-	-	20	50	-	-	5	B	S9	85	-	-	50	E	4RA 003 437-061

\*\* Housing turned through 180° E = Individual packaging I = Industrial packaging

## Changeover contacts

Current appl. (A)	Ohmic load				Inductive load				Light load				Simplified drawing	Plug matrix	Switching matrix	Coil resistance	Parallel resistance	Parallel diode	Contact resistance	Pack.	Part number
	Make contact (87)		Break contact (87a)		Make contact (87)		Break contact (87a)		Make contact (87)		Break contact (87a)										
	Nominal switching current (A)	No. of switchings (thous.)	Nominal switching current (A)	No. of switchings (thous.)	Nominal switching current (A)	No. of switchings (thous.)	Nominal switching current (A)	No. of switchings (thous.)	Nominal switching current (A)	No. of switchings (thous.)	Nominal switching current (A)	No. of switchings (thous.)				Ohm	Ohm	1N <sub>4005</sub>	mV/10A		
<b>12 V</b>																					
40/20	30	100	20	100	30	100	20	100	30	150	20	150	1	B1	S4	85	470	-	50/60	E	4RD 007 794-021
40/20	30	100	20	100	30	100	20	100	30	150	20	150	3	B1	S4	85	470	-	50/60	E	4RD 007 794-031
40/20	30	100	20	100	25	100	16	100	16	100	8	100	4	B1	S3	85	-	-	50/80	E	4RD 003 520-081
40/20	30	100	20	100	25	100	16	100	16	100	8	100	2	B1	S3	85	-	-	60/80	E	4RD 003 520-131
40/20	30	100	20	100	25	100	16	100	16	100	8	100	2	B1	S5	85	-	X	40/80	E	4RD 003 520-251



Our relay catalogue contains additional relays with detailed information.

The range includes:

- Micro relays
- Special relays
- Skirted relays
- Solid-state relays