

Siemens.com/mobility

QBA1 Relay

An ac immune, dc biased, tractive armature, line relay

General data

Typical Operating Time:	220 ms
Typical Release Time:	50 ms
Approximate Weight:	1.3 kg
AC Immunity (except 12 V versions):	1000 Vac rms 50 Hz

Note: Refer to the following data sheets:

- 7-1-1 for general information and contact ratings.
- 7-2-1 for dimensions.
- 8.2 for tools.
- 8.3 for plugboard and connector details.

Refer overleaf for specific data.



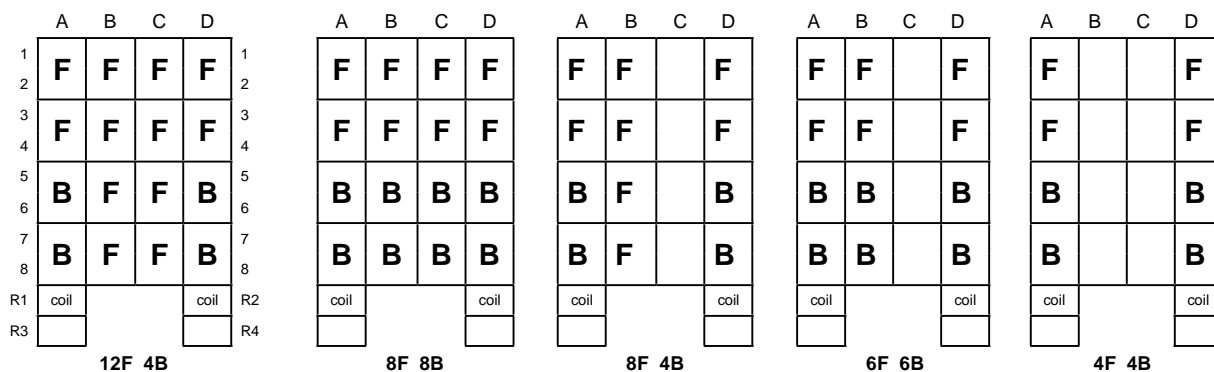
B18507/17 Variant

Description

Designed primarily for use in railway signalling circuits, where operation of the relay is dependent on the polarity of the coil current.

In addition to a biasing magnet, the relay is fitted with a slug and shunt to provide ac immunity. The variations of this relay style are listed overleaf. Where a relay corresponds exactly to a type listed in a BR Spec., the Spec. No. is shown in the remarks column.

Contact layout viewed from rear

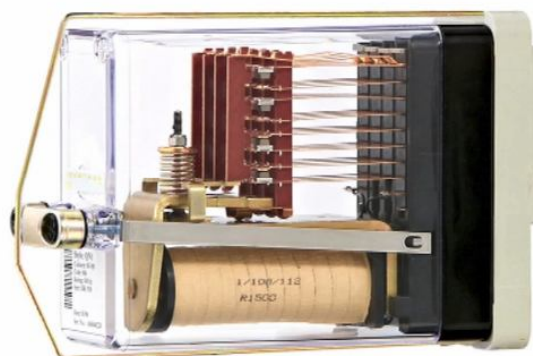


Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	RATED VOLTAGE (V dc)	PIN CODE	COIL RES (OHMS)	WDG SPEC 1/108/-	MAX FULL OP. (V dc)	MIN REL (V dc)	PLUGBOARD	RECD No. OF CONNECTORS J4137/3	REMARKS
B18507/11 (85/000800)	12F 4B	24	025 ABFGH	208	6	19.2	3.6	J4138/21	34	BRB SPEC 932A
B18507/12 (85/000820)	8F 8B	24	026 ACDEH	208	6	19.2	3.6	J4138/23	34	BRB SPEC 932A
B18507/13 (85/000810)	8F 4B	24	025 ABFGH	208	6	19.2	3.6	J4138/22	26	BRB SPEC 932A
B18507/14 (85/000830)	6F 6B	24	026 ACDEH	208	6	19.2	3.6	J4138/24	26	BRB SPEC 932A
B18507/15 (85/000840)	4F 4B	24	026 ACDEH	208	6	19.2	3.6	J4138/25	18	BRB SPEC 932A
B18507/16 (85/000860)	12F 4B	50	027 ACDFH	920	5	40	7.5	J4138/26	34	BRB SPEC 932A
B18507/17 (85/000880)	8F 8B	50	028 ACDGH	920	5	40	7.5	J4138/28	34	BRB SPEC 932A
B18507/18 (85/000870)	8F 4B	50	027 ACDFH	920	5	40	7.5	J4138/27	26	BRB SPEC 932A
B18507/19 (85/000890)	6F 6B	50	028 ACDGH	920	5	40	7.5	J4138/29	26	BRB SPEC 932A
B18507/20 (85/000900)	4F 4B	50	028 ACDGH	920	5	40	7.5	J4138/30	18	BRB SPEC 932A
B18507/22	8F 8B	12	ABDJS	55	192	8.3	2.5	J4138/443	34	M25062
B18507/23	12F 4B	12	ABDGS	55	192	8.6	2.5	J4138/444	34	M25061



Un-drilled plugboard
Part No. E7218/1



Representation of Relay,
Plugboard and Retaining clip
(Clip Part No. J4136/1)