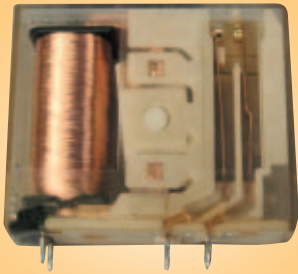
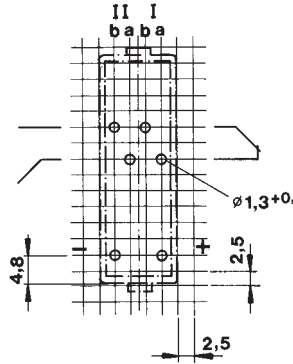


Forcibly Guided Contacts
1 N/O + 1 N/C, 6A



L = 35, W = 12.5, H = 30



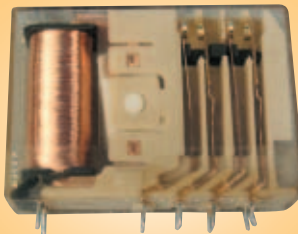
PCB Layout

6A safety relay with 1 N/O + 1 N/C contacts and PCB terminals. Featuring an "active" forcibly guided contact set which ensures that contacts of opposite mode cannot be closed at the same time ensuring a minimum contact gap of 0.5mm is maintained. PCB base also available.

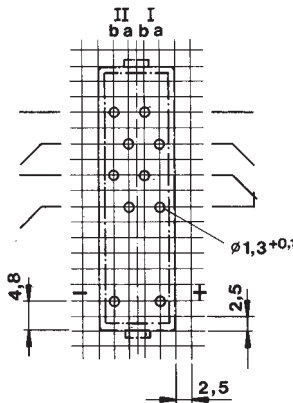
Contact arrangement	Two pole, 1 N/O + 1 N/C
Contact material	Silver nickel gold flashed
Contact rating	6A (constant), 8A (maximum)
Max. switched voltage	230/240V ac, 300V dc
Typical pull-in time	N/C opens 14ms, N/O closes 17ms
Typical release time	N/O opens 10ms, N/C closes 14ms
Max. contact load	30 W / 1500 VA
Coil resistance ohm	315 (12V), 1300 (24V)
Mechanical switching life	10 ⁷
Dielectric strength	2.5kV ac (coil-contact, contact-contact)
Temperature	-40°C to + 80°C
Approvals	CUL, TUV, VDE

Stock No.	Manf Ref'	Type	Unit Price		
			1-24	25-99	100+
9811007	H-469/1002	12VDC	12.74	12.10	11.47
9811010	H-469/1003	24VDC	12.74	12.10	11.47
9811013	BV.469-8003	PCB BASE	3.57	3.39	3.21

Forcibly Guided Contacts
2 N/O + 2 N/C, 6A



L = 42, W = 12.5, H = 30



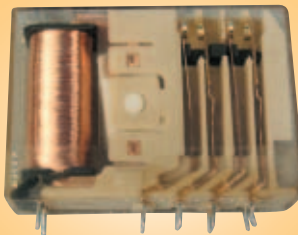
PCB Layout

6A safety relay with 2 N/O + 2 N/C contacts and PCB terminals. Featuring an "active" forcibly guided contact set which ensures that contacts of opposite mode cannot be closed at the same time ensuring a minimum contact gap of 0.5mm is maintained. PCB base also available.

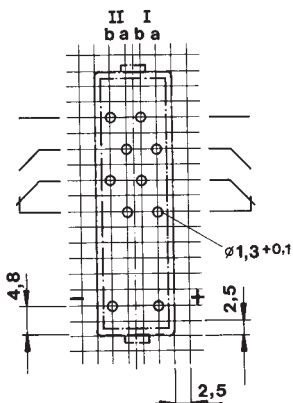
Contact arrangement	Four pole, 2 N/O + 2 N/C
Contact material	Silver tin oxide gold flashed
Contact rating	6A (constant), 8A (maximum)
Max. switched voltage	230/240V ac, 300V dc
Typical pull-in time	N/C opens 14ms, N/O closes 17ms
Typical release time	N/O opens 10ms, N/C closes 14ms
Max. contact load	30 W / 1500 VA
Coil resistance ohm	255 (12V), 1020 (24V)
Mechanical switching life	10 ⁷
Dielectric strength	2.5kV ac (coil-contact, contact-contact)
Temperature	-40°C to + 80°C
Approvals	CUL, TUV, VDE

Stock No.	Manf Ref'	Type	Unit Price		
			1-24	25-99	100+
9811016	H-468/1016	12VDC	15.00	14.25	13.50
9811019	H-468/1017	24VDC	15.00	14.25	13.50
9811004	Bv.468-8008	PCB BASE	3.17	3.01	2.85

Forcibly Guided Contacts
3 N/O + 1 N/C, 6A



L = 42, W = 12.5, H = 30



PCB Layout

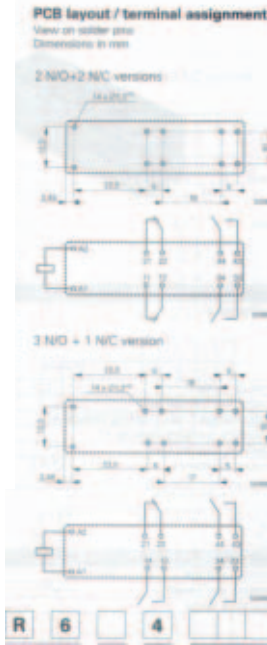
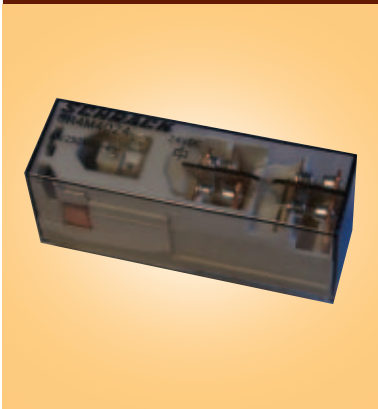
6A safety relay with 3 N/O + 1 N/C contacts and PCB terminals. Featuring an "active" forcibly guided contact set which ensures that contacts of opposite mode cannot be closed at the same time ensuring a minimum contact gap of 0.5mm is maintained.

Contact arrangement	Four pole, 3 N/O + 1 N/C
Contact material	Silver nickel gold flashed
Contact rating	6A (constant), 8A (maximum)
Max. switched voltage	230/240V ac, 300V dc
Typical pull-in time	N/C opens 14ms, N/O closes 17ms
Typical release time	N/O opens 10ms, N/C closes 14ms
Max. contact load	30 W / 1500 VA
Coil resistance ohm	255 (12V), 1020 (24V)
Mechanical switching life	10 ⁷
Dielectric strength	2.5kV ac (coil-contact, contact-contact)
Temperature	-40°C to + 80°C
Approvals	CUL, TUV, VDE

Stock No.	Manf Ref'	Type	Unit Price		
			1-24	25-99	100+
9811022	H-468/1002	12VDC	15.00	14.25	13.50
9811025	H-468/1003	24VDC	15.00	14.25	13.50
9811004	Bv.468-8008	PCB BASE	3.17	3.01	2.85

<2

**SR4D/M SAFETY
4 pole safety**



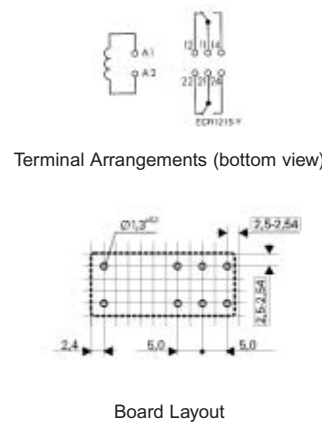
Latest generation positively guide contact relay with a height of only 16mm. If one contact welds mechanical interlocking prevents other contacts moving, thereby ensuring the contacts are never in an undefined state.
This relay is fully sealed.

Contact arrangement	2 n/o + 2 n/c or 3 n/o + 1 n/c
Contact material	Silver tin oxide
Contact rating	8A 250Vac
Contact load min	greater than 50 mW
Coil resistance ohm	180 (12V), 720 (24V), 2880 (48V), 4500 (60V)
Operate / release time	12/20 mS
Nominal coil power	800 mW
Mechanical switching life	10 Million
Dielectric strength	4000 Vrms
Temperature	-25°C to +70°C
Approvals	UL, VDE

L = 40, W = 13, H = 16

Stock No.	Manf Ref'	Type	Unit Price		
			1-24	25-99	100+
4954098	SR4D4012	2N/O+2N/C 12VDC	9.16	8.24	7.78
4954099	SR4D4024	2N/O+2N/C 24VDC	9.16	8.24	7.78
4954101	SR4D4048	2N/O+2N/C 48VDC	9.16	8.24	7.78
4954100	SR4D4060	2N/O+2N/C 60VDC	9.16	8.24	7.78
4954150	SR4M4012	3N/O+1N/C 12VDC	9.16	8.24	7.78
4954151	SR4M4024	3N/O+1N/C 24VDC	9.16	8.24	7.78
4954152	SR4M4048	3N/O+1N/C 48VDC	9.16	8.24	7.78
4954153	SR4M4060	3N/O+1N/C 60VDC	9.16	8.24	7.78

**SR2M Safety
6A DPCO**



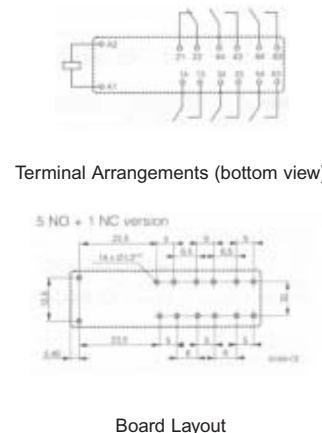
A 2 pole c/o safety relay rated to 6A. Note c/o version can be used in safety applications provided any contact monitoring is done by the opposite contact set, not on the same side. Washtight sealed.

Contact arrangement	Single pole changeover or 1 n/o 1 n/c
Contact material	Silver nickel
Continuous current	6A at 230 / 400V ac
Contact load min	10mA 5V dc
Operate / release time	
Nominal coil power	700mW
Coil resistance. ohm	206 (12V), 823 (24V), 3291 (48V)
Mechanical life	10 Million
Dielectric strength	4000 Vrms
Temperature	-25°C to + 70°C
Approvals	VDE, UL, CSA

L = 29, W = 12.6, H = 25.6

Stock No.	Manf Ref'	Type	Unit Price		
			1-24	25-99	100+
4954154	V23047-A1012-A501	DPCO-12VDC	5.00	4.50	4.25
4954155	V23047-A1024-A501	DPCO-24VDC	5.00	4.50	4.25

**SR6 Safety
6 Pole**



A 6 pole safety relay rated to 8A. Forcibly guided contacts per EN50205. Washtight sealed. 14 coil voltage options available, consult sales for more details.

Contact arrangement	4 n/o and 2 n/c or 5 n/o and 1 n/c
Contact material	Silver tin oxide
Continuous current	8A at 230 / 400V ac
Contact load min	10mA 5V dc
Operate / release time	
Nominal coil power	1200mW
Coil resistance. ohm	120 (12V), 480 (24V), 1920 (48V), 10800 (110V)
Mechanical life	10 Million
Dielectric strength	3000 Vrms
Temperature	-25°C to + 70°C
Approvals	VDE, UL, CSA

L = 55, W = 16.5, H = 16.5

Stock No.	Manf Ref'	Type	Unit Price		
			1-24	25-99	100+
4954348	V23050-A1012-A551	5N/C + 1N/C-12VDC	11.75	10.58	9.99
4954349	V23050-A1024-A551	5N/C + 1N/C-24VDC	11.75	10.58	9.99
4954350	V23050-A1048-A551	5N/C + 1N/C-48VDC	11.75	10.58	9.99