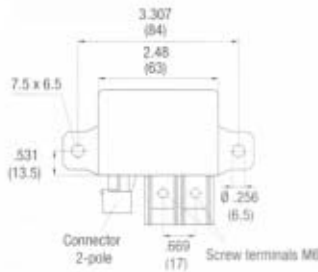


**HCR High Current Relay
300A, 30Vdc N/O or C/O**

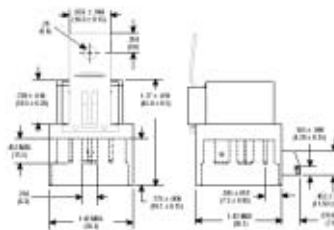


A high performance automotive relay capable of carrying 150A at a nominal 28V dc with a wide choice of options. A choice of standard Silver nickel contacts or Silver tin oxide for high inrush loads. Available as a 1 n/o (2 studs) or as a proper changeover (3 studs) and with optional IP67 waterproof sealing. Connections to coil are via Amp / tyco 2 way 1.5mm superseal connectors, except for the changeover version which is via 2 6.4mm spades from the side of the case.

- Contact arrangement 1 n/o or 1 n/c
- Contact material Silver nickel or silver tin oxide
- Continuous current n/o 150A silver nickel, 130A silver tin oxide
- Inrush current n/o 150A silver nickel, 300A silver tin oxide
- n/c changeover contact lower at 120A / 200A
- Contact load min 1A at 5V dc
- Coil power 3.3W at 23°C
- Coil resistance 43.5 ohms 12V, 178 ohms 24V
- Allowable overdrive 27V dc (12V dc), 54V dc (24V dc)
- Operate / Release time 25 ms / 8 ms
- Mechanical life 10 Million operations
- Dielectric strength 1000V rms
- Temperature -40°C to + 125°C
- Approvals L = 84, W = 65.2, H = 40

Stock No.	Manf Ref'	Type	Unit Price		
			1-24	25-99	100+
4954235	V23132-A2001-A100	SPNO-12VDC IP54 150A INRUSH	25.00	22.50	21.25
4954374	V23132-A2001-B100	SPNO-12VDC IP67 150A INRUSH	32.50	29.25	27.63
4954376	V23132-A2001-B200	SPNO-12VDC IP67 300A INRUSH	42.50	38.25	36.13
4954364	V23132-B2002-B100	SPNO-24VDC IP67 150A INRUSH	32.50	29.25	27.63
4954362	V23132-B2002-A200	SPNO-24VDC IP54 300A INRUSH	36.00	32.40	30.60

**VF4/V23134
60A Cube**

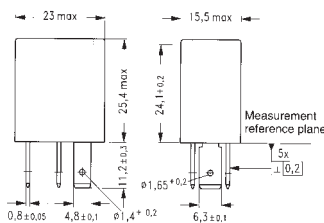
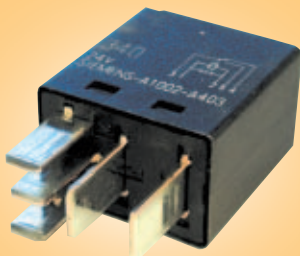


A single pole changeover plug in automotive relay with a waterproof shroud. Connection via 6.35mm terminals or waterproof connector. Resistor parallel to coil, 680ohm 12Vdc coil, 2700ohm 24Vdc coil.

- Contact arrangement Single pole changeover
- Contact material Silver nickel
- Continuous current 40A (N/O), 60A (N/C)
- Inrush current 45A (N/O), 120A (N/C)
- Coil power 1.6 W at 23°C
- Coil resistance 90 (12V dc), 360 (24V dc) plus resistor
- Allowable overdrive 20.2V dc (12V dc), 40.5V dc (24V dc)
- Operate / Release time 25 ms / 8 ms
- Mechanical life 10 Million operations
- Dielectric strength 1000V rms
- Temperature -40°C to + 125°C
- Approvals L = 26.5, W = 26.5, H = 25.2

Stock No.	Manf Ref'	Type	Unit Price		
			1-24	25-99	100+
4952981	VF4-61F11-S01	SPCO-12VDC	3.95	3.56	3.36
4952982	VF4-65H11-S08	SPCO-24VDC	3.95	3.56	3.36

**Micro Power Relay
12/6A, SPCO**



General purpose plug-in automotive relay with a suppression resistor. Standard ISO terminal footprint. Featuring silver tin oxide contacts.

- Contact arrangement Single pole changeover
- Contact material Silver tin oxide (for long life when switching capacitive loads)
- Continuous current max. 12A N/O, 6A N/C
- Inrush current max. 120A N/O, 40A N/C
- Nominal coil power 1.5 W
- Coil resistance, ohm. 441
- Max. coil voltage 39.4V at 23°C
- Operate / Release 6 ms / 3 ms
- Temperature -40°C to + 85°C
- Terminals 4.8mm (coil), 6.35mm (load)
- Mechanical switching life 10⁶
- L = 23, W = 15.5, H = 24.1

Stock No.	Manf Ref'	Type	Unit Price		
			1-24	25-99	100+
4954169	V23074-A1001-A403	SPCO-12VDC	2.50	2.25	2.15
4952433	V23074-A1002-A403	SPCO-24VDC	2.50	2.25	2.15