

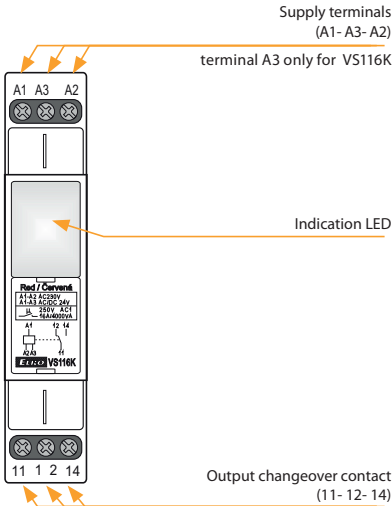
- Power relay used for switching larger load output, strengthen or „multiplying“ contacts of the existing device.
- Relays VS316/24, VS316/230 enable connection to a 3-phase circuit.
- In the design 1-MODULE , DIN rail mounting, output status indicated by high intensity LED with choice of LED color (red, green, blue or white LED*).
- **VS116B/230** MINI, mounting in installation box or ceilings, enabling switching of lights, motors for blinds or awnings.
- For **VS116B/230** status of output indicated by LED on front panel of device.

Technical parameters	VS116B/230	VS116K	VS116U	VS308K	VS308U	VS316/24	VS316/230
Supply terminals:	L - N	A1 - A2					
Voltage range:	AC 230 V (50-60 Hz)	AC 230 V (50-60 Hz)	AC/DC 12-240 V (50-60 Hz)	AC 230 V (50-60 Hz)	AC/DC 12-240 V (50-60 Hz)	AC/DC 24 V (50-60 Hz)	AC 230 V (50-60 Hz)
Burden (max.):	AC 7.5 VA 1 W	AC 7.5 VA 1 W	AC 0.7 - 3 VA/DC 0.5 - 1.7 W	AC 10.3 VA 1.1 W	AC 0.7 - 3 VA/DC 0.5 - 1.7 W	1.6 VA 1.2 W	2.5 VA 2.5 VA
Supply terminals:	x	A1 - A3	x	A1 - A3	x		
Voltage range:		AC/DC 24 V		AC/DC 24 V			
	x	(AC 50-60 Hz)	x	(AC 50-60 Hz)	x		
Burden:	x	AC 1 VA/DC 1W	x	AC 1 VA/DC 1W	x		
Supply voltage tolerance:	-15%; +10%						
Max. dissipated power (Un + terminals):	4 W			3 W		8 W	6 W
Output							
Number of contacts:	1 x changeover/SPDT (AgSnO ₂)			3 x changeover/TPDT (AgNi/Silver Alloy)		3 x changeover/TPDT (AgSnO ₂)	
Current rating:	16 A/AC1; 1 HP 240Vac, 1/2 HP 120Vac; PD. B300			8 A/AC1; 1/2 HP 240Vac; PD. B300		16A/AC1; 1 HP 240Vac, 1/2 HP 120Vac; PD. B300	
Breaking capacity:	4000VA/AC1, 384W/ DC			2000VA/AC1, 192W/ DC		4000VA/AC1, 384W/DC	
Inrush current:	30 A/<3 s			10 A/<3 s		30 A/<3 s	
Switching voltage:	250V AC/24V DC						
Output indication:	red LED	high intensity LED					
Mechanical life:	30.000.000 ops.						
Electrical life (AC1):	100.000 ops.			60.000 ops.		100.000 ops.	
Time between switching:	min. 2s					20 ms	50 ms
Other information							
Operating temperature:	-20 .. +55 °C (-4 .. 131 °F)						
Storage temperature:	-30 .. +70 °C (-22 .. 158 °F)						
Dielectric strength:	4 kV (supply-output)						
Operating position:	any						
Mounting:	free at connecting wire	DIN rail EN 60715					
Protection degree:	IP30	IP40 from front panel/IP20 terminals					
Overvoltage category:	III.						
Pollution degree:	2						
Max. cable size (mm²):	2x 0.75 mm² (AWG 18), 3x 2.5 mm² (AWG 10)	max. 1x 2.5 or 2x 1.5 max. 1x 2.5 (AWG 12)					
Dimensions:	49 x 49 x 21 mm (2" x 2" x 0.8")	90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5")					
Weight:	48 g (1.7 oz.)	56 g (2 oz.)	59 g (2.1 oz.)	78 g (2.75 oz.)	80 g (2.8 oz.)	90 g (3.17 oz.)	93 g (3.3 oz.)
Standards:	EN 60669-1, EN 60669-2-1						

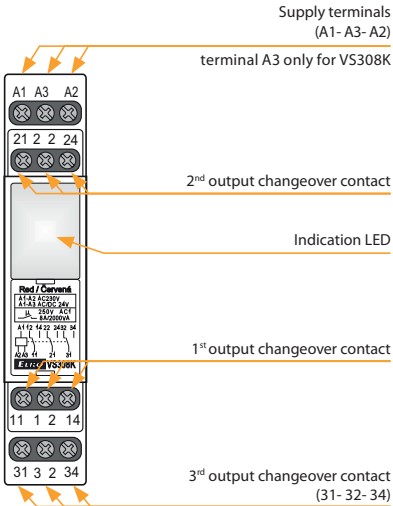
VS | Auxiliary relays

Description

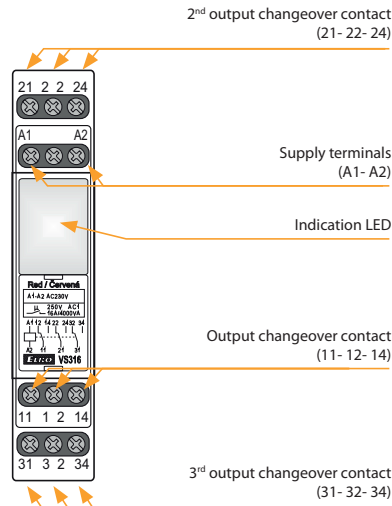
VS116K, VS116U



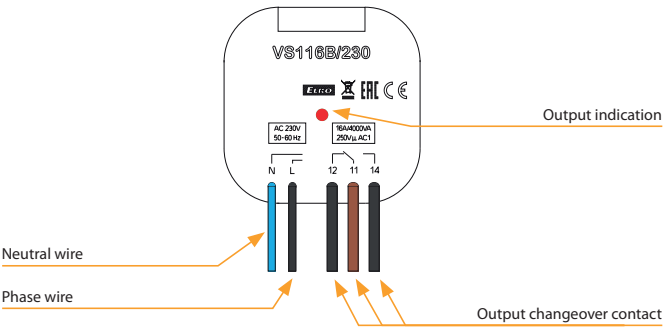
VS308K, VS308U



VS316/24, VS316/230

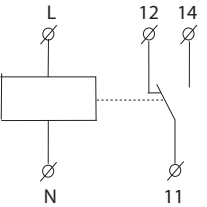


VS116B/230

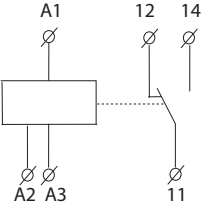


Symbol

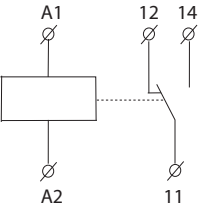
VS116B/230



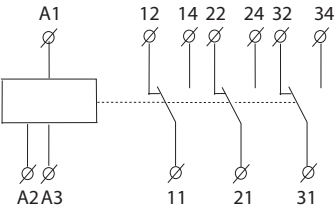
VS116K



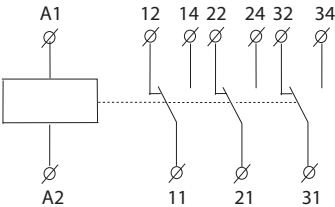
VS116U



VS308K



VS308U, VS316/24, VS316/230



EAN codes

VS116B/230 8595188147545

VS116K/red 8595188122597
 VS116K/green 8595188122610
 VS116K/white 8595188122573
 VS116K/blue 8595188122603

VS308K/red 8595188122696
 VS308K/green 8595188122719
 VS308K/white 8595188122672
 VS308K/blue 8595188122702

VS316/24 red 8595188135771
 VS316/24 green 8595188136105
 VS316/24 white 8595188136099
 VS316/24 blue 8595188136112

VS116U/red 8595188124607
 VS116U/green 8595188136433
 VS116U/white 8595188138482
 VS116U/blue 8595188138475

VS308U/red 8595188130103
 VS308U/green 8595188136440
 VS308U/white 8595188138512
 VS308U/blue 8595188138505

VS316/230 red 8595188135559
 VS316/230 green 8595188136075
 VS316/230 white 8595188136051
 VS316/230 blue 8595188136068

Order code

	VS116K/red: 2295	VS116U/red: 2460	VS308K/red: 2269	VS308U/red: 3010	VS316/24V red: 3577	VS316/230V red: 4471
	VS116K/green: 2261	VS116U/green: 3643	VS308K/green: 2271	VS308U/green: 3644	VS316/24V green: 3610	VS316/230V green: 4472
	VS116K/white: 2257	VS116U/white: 3848	VS308K/white: 2267	VS308U/white: 3851	VS316/24V white: 3609	VS316/230V white: 4470
	VS116K/blue: 2260	VS116U/blue: 3847	VS308K/blue: 2270	VS308U/blue: 3850	VS316/24V blue: 3611	VS316/230V blue: 4474

Notes

Max. time of changeover of contact is 10 ms.

VS316/24 or VS316/230 enables switching of different phases or 3-phase voltage.

* possibility to choose blue and white color of LED for power relays line VS in case of minimal order quantity 100 pcs.