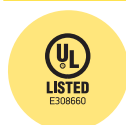




THE DATASHEET OF VS316/24V GREEN



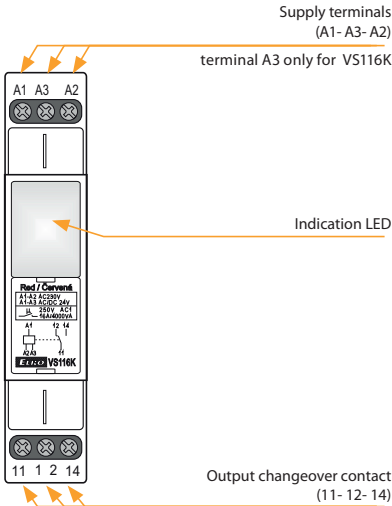
- Power relay used for switching larger load output, strengthen or „multiplying“ contacts of the existing device.
- Relays VS316/24, VS316/230 enable connection to a 3-phase circuit.
- In the design 1-MODULE , DIN rail mounting, output status indicated by high intensity LED with choice of LED color (red, 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
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						

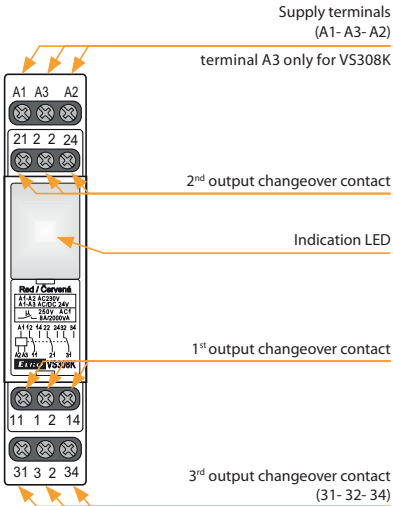
VS | Auxiliary relays

Description

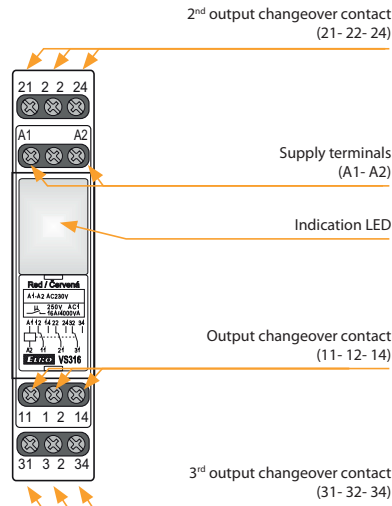
VS116K, VS116U



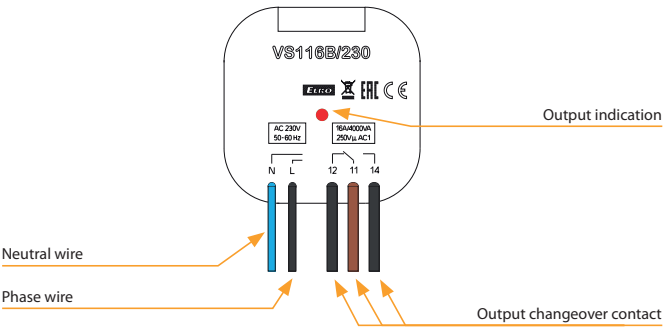
VS308K, VS308U



VS316/24, VS316/230

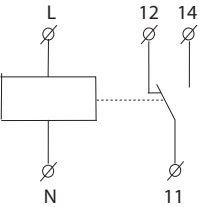


VS116B/230

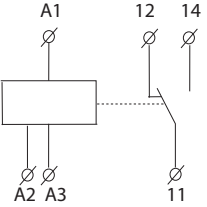


Symbol

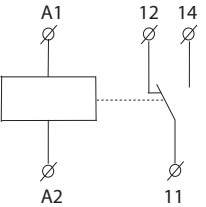
VS116B/230



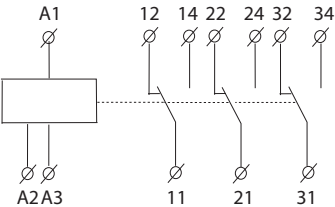
VS116K



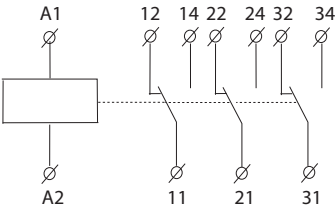
VS116U



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.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ View [VS316/24V green](#) on WIN SOURCE
- ⊖ [ELKO EP North America LLC](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management