

**PVLA
DVLA
SVLA**

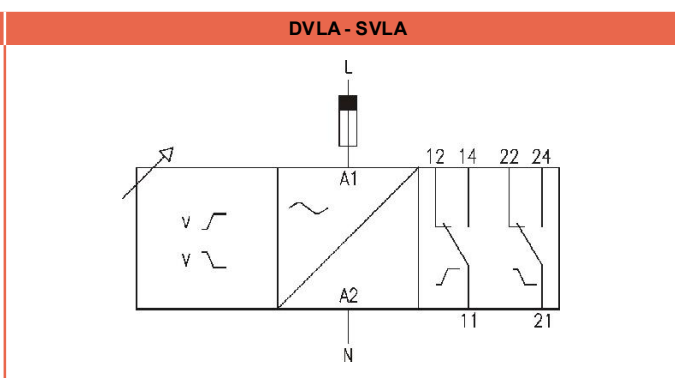
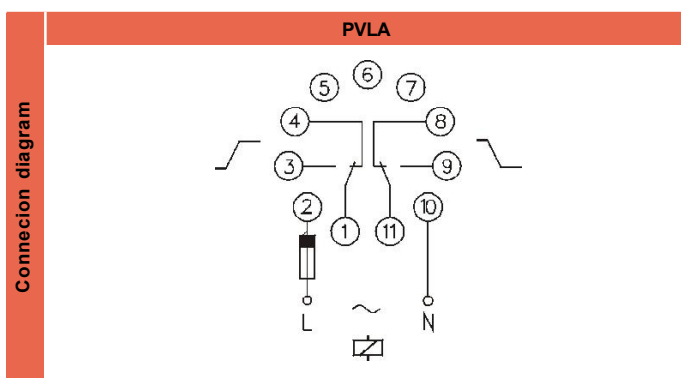
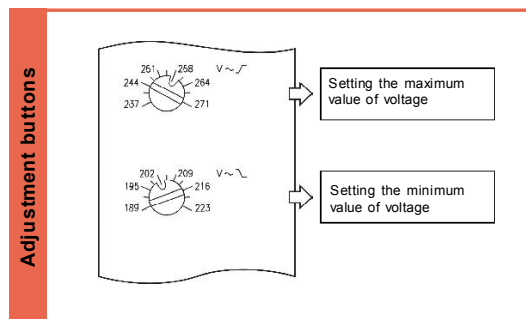
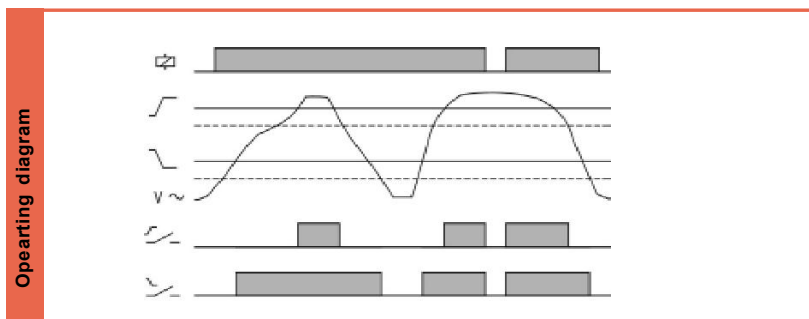


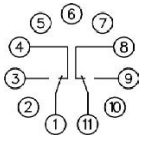
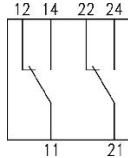
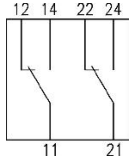
VOLTAGE RELAY

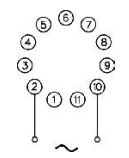
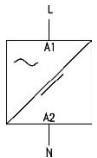
Difference	Two independent set points. It controls its own supply voltage.
Measurement	AC single phase.
Operating principle	When the voltage exceeds the minimum pre-set value, the minimum relay (∩) operates. When the voltage exceeds the maximum pre-set value, the maximum relay (∪) operates. Each relay releases when the voltage decreases 1% below of its pre-set value.
Leds indication	Power on: Green Relays on: Red
Relays	It is provided with two relays, each one related two each set point.
Regulation	±18% over the nominal voltage.
Hysteresis	1 %, fix.
Timing	No.

Reference	HOUSING	FUNCTION	OUTPUT	VOLTAGE		
				MINIMUM (∩)	MAXIMUM (∪)	
P D S	Plug-in DIN rail Flush mounting	VL Voltage relay	A SPDT	024	19,7..23,3 VAC	24,7..28,3 VAC
				110	90..107 VAC	113..130 VAC
				230	189..223 VAC	237..271 VAC
				400	328..388 VAC	412..472 VAC

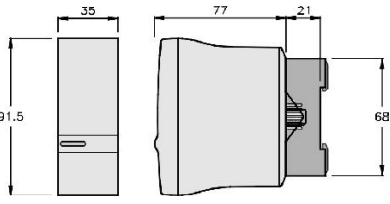
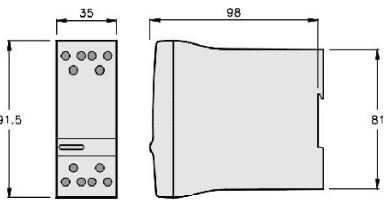
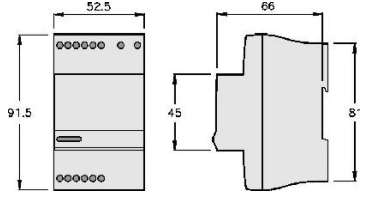
To compose the reference, select one option of each column. Example: **PVLA 230**



		PVLA	DVLA	SVLA	
Output relays					
	Resistive load	AC	10 A / 250 V	10 A / 250 V	10 A / 250 V
		DC	0,4 A / 200 V 10 A / 24 V	0,4 A / 200 V 10 A / 24 V	0,4 A / 200 V 10 A / 24 V
	Inductive load	AC	5 A / 250 V	5 A / 250 V	5 A / 250 V
		DC	5 A / 24 V	5 A / 24 V	5 A / 24 V
	Mechanical life		> 30 x 10 ⁶ operations	> 30 x 10 ⁶ operations	> 30 x 10 ⁶ operations
	Max. switching rate, mech.		72.000 operations / hour	72.000 operations / hour	72.000 operations / hour
	Electrical life at full load		360 operations / hour	360 operations / hour	360 operations / hour
	Contact material		AgNi 90/10	AgNi 90/10	AgNi 90/10
	Maximum voltage		440 VAC	440 VAC	440 VAC
	Operating voltage		250 VAC	250 VAC	250 VAC
	Volt. between changeovers		2500 VAC	2500 VAC	2500 VAC
	Voltage between contacts		1000 VAC	1000 VAC	1000 VAC
	Voltage coil/contact		5000 VAC	5000 VAC	5000 VAC
Distance coil/contact		10 mm	10 mm	10 mm	
Isolation resistance		> 10 ⁴ MΩ	> 10 ⁴ MΩ	> 10 ⁴ MΩ	

Supply	CA	
	PVLA	DVLA - SVLA
		
	Galvanic isolation	
	Frequency	
	Operating margins	
Positive		
Protected polarity		

Constructive and environmental data	PVLA	DVLA	SVLA	
	Voltage phase-neutral	300 V	300 V	300 V
	Overvoltage category	III	III	III
	Rated impulse voltage	4 kV	4 kV	4 kV
	Pollution degree	2	3	3
	Protection	IP 20 B	IP 20	IP 20
	Approximate weight	250 g	280 g	280 g
	Storage temperature	-50°C +85°C	-50°C +85°C	-50°C +85°C
	Operating temperature	-20°C +50°C	-20°C +50°C	-20°C +50°C
	Humidity	30~85% HR	30~85% HR	30~85% HR
	Housing	Cyclopy - Light grey	Cyclopy - Light grey	Cyclopy - Light grey
	Socket	Lexan - Light grey	-	-
	Leds cover	Lexan - Transparent	Lexan - Transparent	Lexan - Transparent
	Button, terminal block, clip	Technyl - Dark blue	Technyl - Dark blue	Technyl - Dark blue
Pins of the socket	Nickel-plated brass	-	-	
Pins of the terminal block	-	Brass	Brass	
Approvals	Designed and manufactured under EEC standards. Electromagnetic compatibility , directives 89/366/EEC and 92/31/EEC. Electric safety, directive 73/23/EEC. Plastics: UL 91 V0			

Dimensions	PVLA	DVLA	SVLA
			

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