

- ▶ TIME RANGE 0 - 10s
- ▶ USABLE FOR CURRENT SENSING FROM CURRENT TRANSFORMER
- ▶ USABLE FOR DC CURRENT OR AC CURRENT AUTO RECOGNIZED
- ▶ UNIVERSAL SUPPLY 24V $\overline{\text{---}}$ /24-240V $\sim$
- ▶ SUPPLY ISN'T GALVANICALLY SEPARATED FROM MEASURED CURRENT, IT MUST BE IN THE SAME PHASE
- ▶ OUTPUT RELAY 1 POLE CHANGEOVER CONTACT
- ▶ COMPACT SIZE - 1 MODULE - 17.5mm
- ▶ DIN RAIL MOUNTING EN50.022
- ▶ SELF-EXTINGUISHED MATERIAL UL94 V0

■ TYPICAL APPLICATION: MAX LOAD CONTROL ON CONVEYORS



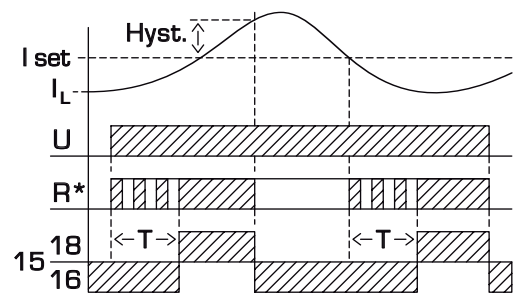
EU Directives - CE Marking:

- > 2014/30/UE - EMC
- > 2014/35/UE - LVD

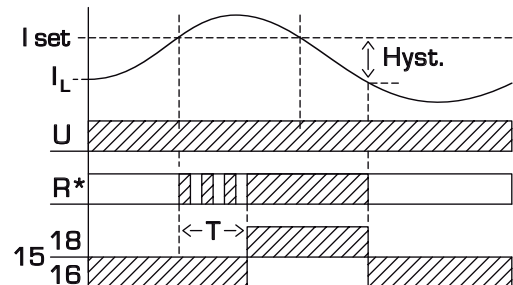
TECHNICAL DATA

	UNIT	CLMSBD1-5	CLMSBD1-16
<b>INPUT</b>			
Supply voltage DC $\pm 10\%$	V $\overline{\text{---}}$	24	
Supply voltage AC $\pm 10\%$	V $\sim$	24 - 240	
Nominal Frequency	Hz	50 - 60 (range: 47 - 63)	
Power consumption (max. AC)	VA	40	
Current range AC/DC selectable	A	0.25 - 5	0.8 - 15.5
Supply indication ( U )	-	Green LED	
<b>OUTPUT RELAY</b>			
Rating	-	8A - 250V $\sim$ /24V $\overline{\text{---}}$	
Max switching power	VA	2000	
Max switching voltage	V $\sim$	400	
Min switching load	-	10mA 12V $\overline{\text{---}}$	
Contact life	Mech. Electr.	30 x 10 <sup>3</sup> ops 100 x 10 <sup>3</sup> ops	
Changeover contacts	-	AgNi0.15	
Output Indication ( R )	-	Red LED	
<b>GENERAL</b>			
Time Delay ( T )	s	0 - 10	
Setting Accuracy	%	5	
Repeat Accuracy	%	< 1	
Hysteresis	%	5	
Temperature dependancy	%/ $^{\circ}$ C	< 0.1	
Working temperature	$^{\circ}$ C	-20 / +50	
Storage temperature	$^{\circ}$ C	-30 / +70	
Electrical Insulation	kV	4	
Oversvoltage Category	-	III	
Protection degree	IP	20	
Pollution degree	-	2	
Climatic category according to (without condensation)	-	IEC 60068-1 [20/050/60] DIN 40040 [class D]	
Altitude up to	m	2000	
Weight	g	65	
Dimensions	mm	98 x 17.5 x 64	

L - FUNCTION



H - FUNCTION

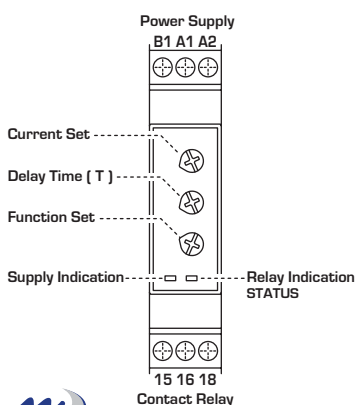


\* The R Led is Bicolor:

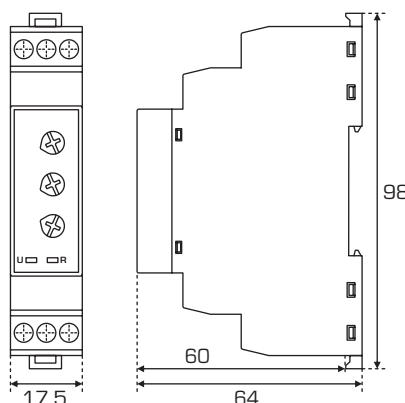
If I input is < I set. the Led is Green and Relay is OFF  
If I input is > I set. the Led is Red and Relay is ON

▨ = RED  
□ = GREEN

DESCRIPTION



DIMENSIONS (mm)



WIRING DIAGRAM

