

- ▶ TIME RANGE 0 - 10s
- ▶ USABLE FOR CURRENT SENSING FROM CURRENT TRANSFORMER
- ▶ USABLE FOR DC CURRENT OR AC CURRENT AUTO RECOGNIZED
- ▶ UNIVERSAL SUPPLY 24V_ / 24-240V-
- ▶ 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

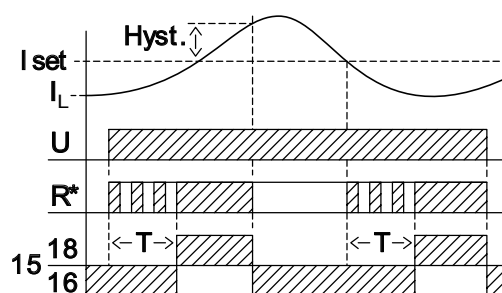
> 2014/ 35/ UE-LVD



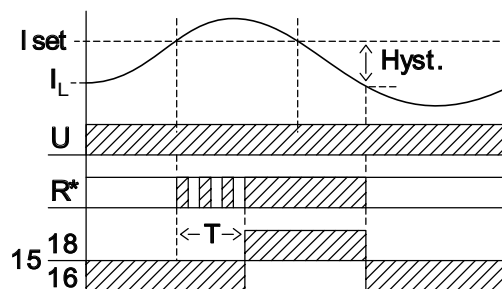
TECHNICAL DATA

	UNIT	CLMSBD1-5	CLMSBD1-16
INPUT			
Supply voltage DC $\pm 10\%$	V	24	
Supply voltage AC $\pm 10\%$	V-	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	
OUTPUT RELAY			
Rating	-	8A - 250V- / 24V_	
Max switching power	VA	2000	
Max switching voltage	V-	400	
Min switching load	-	10mA 12V_	
Contact life	Mech. Ectr.	30 x 10 ³ ops 100 x 10 ³ ops	
Changeover contacts	-	AgNi0.15	
Output Indication (R)	-	Red LED	
GENERAL			
Time Delay (T)	s	0 - 10	
Setting Accuracy	%	5	
Repeat Accuracy	%	< 1	
Hysteresis	%	5	
Temperature dependancy	%/ °C	< 0.1	
Working temperature	°C	-20 / +50	
Storage temperature	°C	-30 / +70	
Electrical Insulation	kV	4	
Overvoltage Category	-	III	
Protection degree	IP	20	
Pollution degree	-	2	
Relative Humidity w/ o cond.	RH%	95	
Altitude up to	m	2000	
Weight	g	65	
Dimensions	mm	98 x 17.5 x 64	

L - FUNCTION



H - FUNCTION



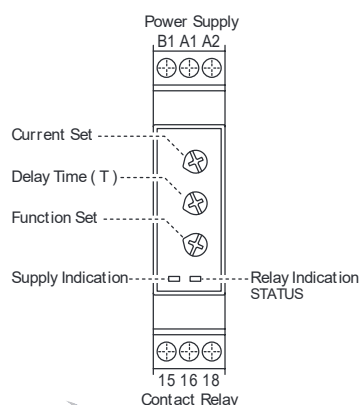
* The R Led is Bicolor:

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

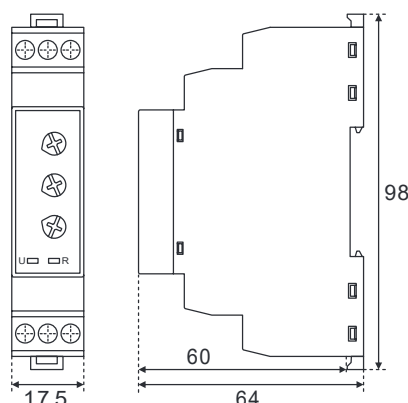
▨ = RED

□ = GREEN

DESCRIPTION



DIMENSIONS (mm)



WIRING DIAGRAM

