Power switches ZRM for energy savings in street lighting

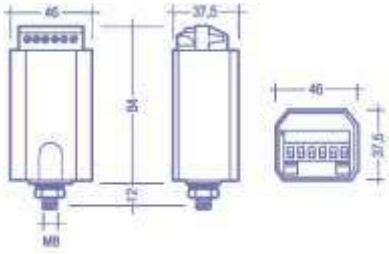

Figure 1

Plastic casing
Rated contact voltage: 250V
Rated contact current cos φ=0.5 : 6A
Rated contact current cos φ=1.0 : 16A
Screw terminal 0.75 – 4.0 mm²
For luminaires of protection class I and II
For switching impedance with tapped ballasts
Max. casing temperature: 80°C
Ambient temperature: -30°C to +70°C
Low self - heating

Type	Ord. No.	Tridonic Old Article Number	Figure	Needed Control Line	Max. Self Heating	Max. Losses	Max. Lamp wattage		Switching times	Switchover delay	Weight	Approval	Packing	
							HS lamps	HI lamps					Carton	Pallet
					°C	W	W	W		min	kg		pcs	pcs
220/230/240V, 50/60Hz														
Standard power switch														
ZRM U6L [3]	12301	87500039	1	Yes	8	<2.5	400	700	-	-	0.185	ENEC	40	2400
ZRM U6L/T [3]	12302	87500040	1	Yes	9.5	<3.2	400	700	-	5,5 [2]	0.185	ENEC	40	2400
Digital power switch without control phase														
ZRM U6M A001 [3]	12324	87500044	1	No	10	<2.5	400	700	3h before and 4h after midnight [1]	10 [2]	0.23	ENEC	40	2400
ZRM U6M A003 [4]	12304	87500045	1	No	<5	<1.3	400	700	3h before and 4h after midnight [1]	10 [2]	0.23	ENEC	40	2400

[1] Can be reprogrammed in the installation at any time
[2] Integrated delay for lamp - friendly starting at 100 % level
[3] For magnetic ballasts
[4] For electronic ballasts

Features of digital power switch ZRM U6M
Automatic adjustment of switching times to natural light over different seasons.
Low investment costs thanks to internal clock - no need for a control line. ZRM U6M can therefore be used in new installations as well to upgrade existing installations.
Switching times are set up centrally via the mains supply.