



LED Indicators

Extra bright

Series VEB

Technical features series VEB

Body material: **Polycarbonate (PC) V0/UL 94**
 Body colour: **Black**
 Protection degree: **IP65**
 Working temperature: **-20°C +60°C**
 Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs



Supply voltage +/- 10%

Power	Consumption	Current
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
240 Vac	15mA	Alternating Current
220 Vdc	9mA	Direct Current

Other power supplies on request



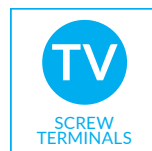
Available with integrated Lamp Test circuit (LT), to test all signals at once.



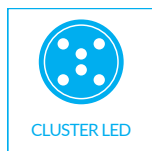
Integrated Rectifier Bridge to work in Alternating Current (AC) or Direct Current (DC), automatically.



Available with inbuilt diode (PD) to avoid reverse feeding and Tropicalization treatment.



Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm, Screw terminals or Flying Leads.



Extra bright visibility even with sunlight thanks to the powerful Cluster LED. High vandal resistance

Compliance:

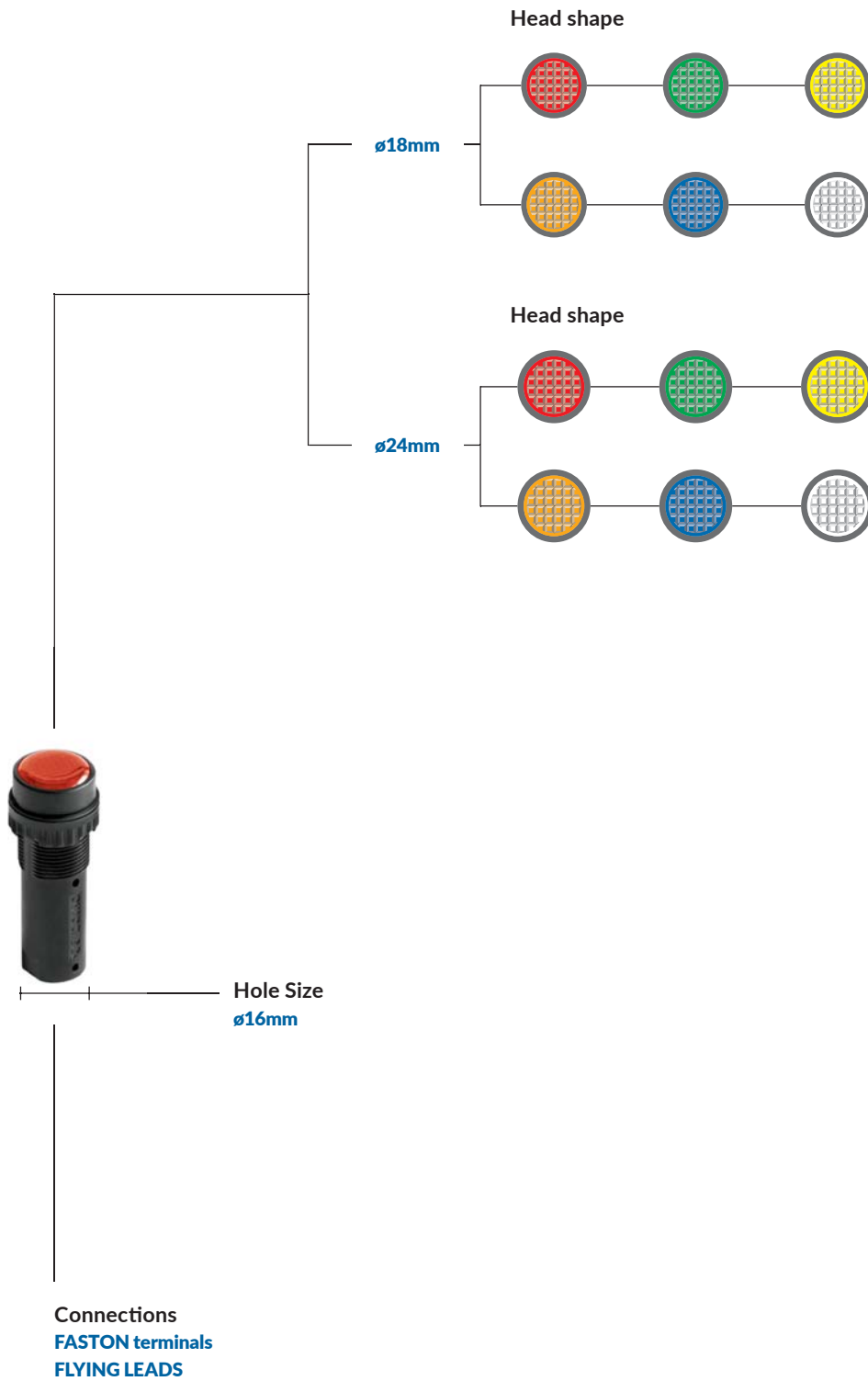
Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

Conformity to standards:

EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

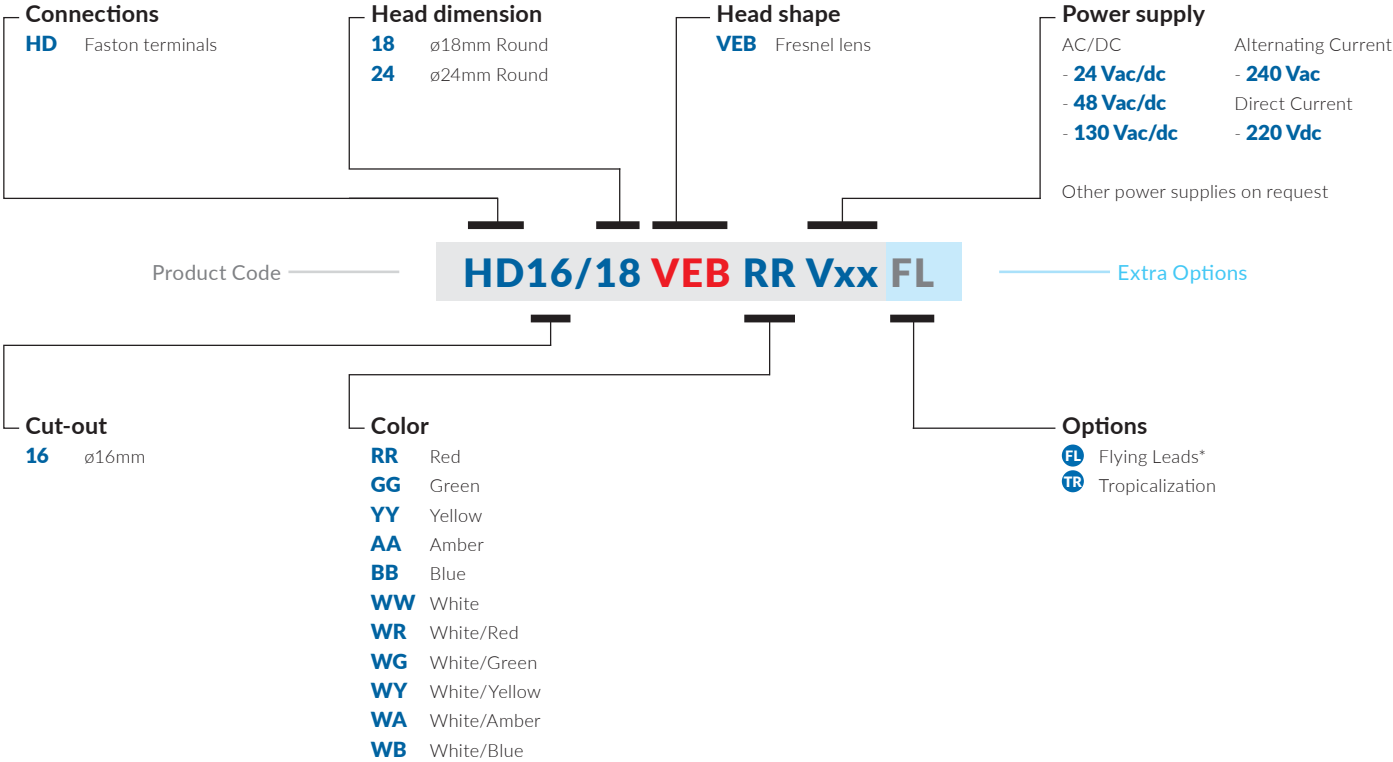
Customs tariff: **85389091**

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.



Series VEB - ø16mm

Coding



Please see product range section for the feasibility. Special version on request.

* Please contact our sales office to define details.



16/18
 Head Ø18mm
 Cut-out Ø16
 LED diffuser: Ø16mm
 Weight 9g



16/24
 Head Ø24mm
 Cut-out Ø16
 LED diffuser: Ø22mm
 Weight 13g



Colors

LED diffuser

LED

Standard type

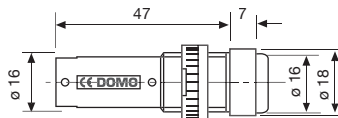
● Red	● Red	HD16/18 VEB RR Vxx	HD16/24 VEB RR Vxx
● Green	● Green	HD16/18 VEB GG Vxx	HD16/24 VEB GG Vxx
● Yellow	● Yellow	HD16/18 VEB YY Vxx	HD16/24 VEB YY Vxx
● Amber	● Amber	HD16/18 VEB AA Vxx	HD16/24 VEB AA Vxx
● Blue	● Blue	HD16/18 VEB BB Vxx	HD16/24 VEB BB Vxx
○ White	○ White	HD16/18 VEB WW Vxx	HD16/24 VEB WW Vxx
		FL TR	FL TR
○ White	● Red	HD16/18 VEB WR Vxx	HD16/24 VEB WR Vxx
○ White	● Green	HD16/18 VEB WG Vxx	HD16/24 VEB WG Vxx
○ White	● Yellow	HD16/18 VEB WY Vxx	HD16/24 VEB WY Vxx
○ White	● Amber	HD16/18 VEB WA Vxx	HD16/24 VEB WA Vxx
○ White	● Blue	HD16/18 VEB WB Vxx	HD16/24 VEB WB Vxx
		FL TR	FL TR

Series VEB - $\varnothing 16\text{mm}$

Dimensions and wiring

HD16/18 VEB

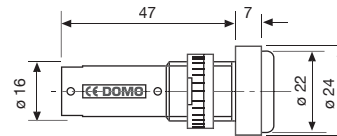
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

HD16/24 VEB

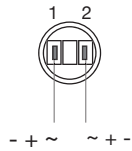
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

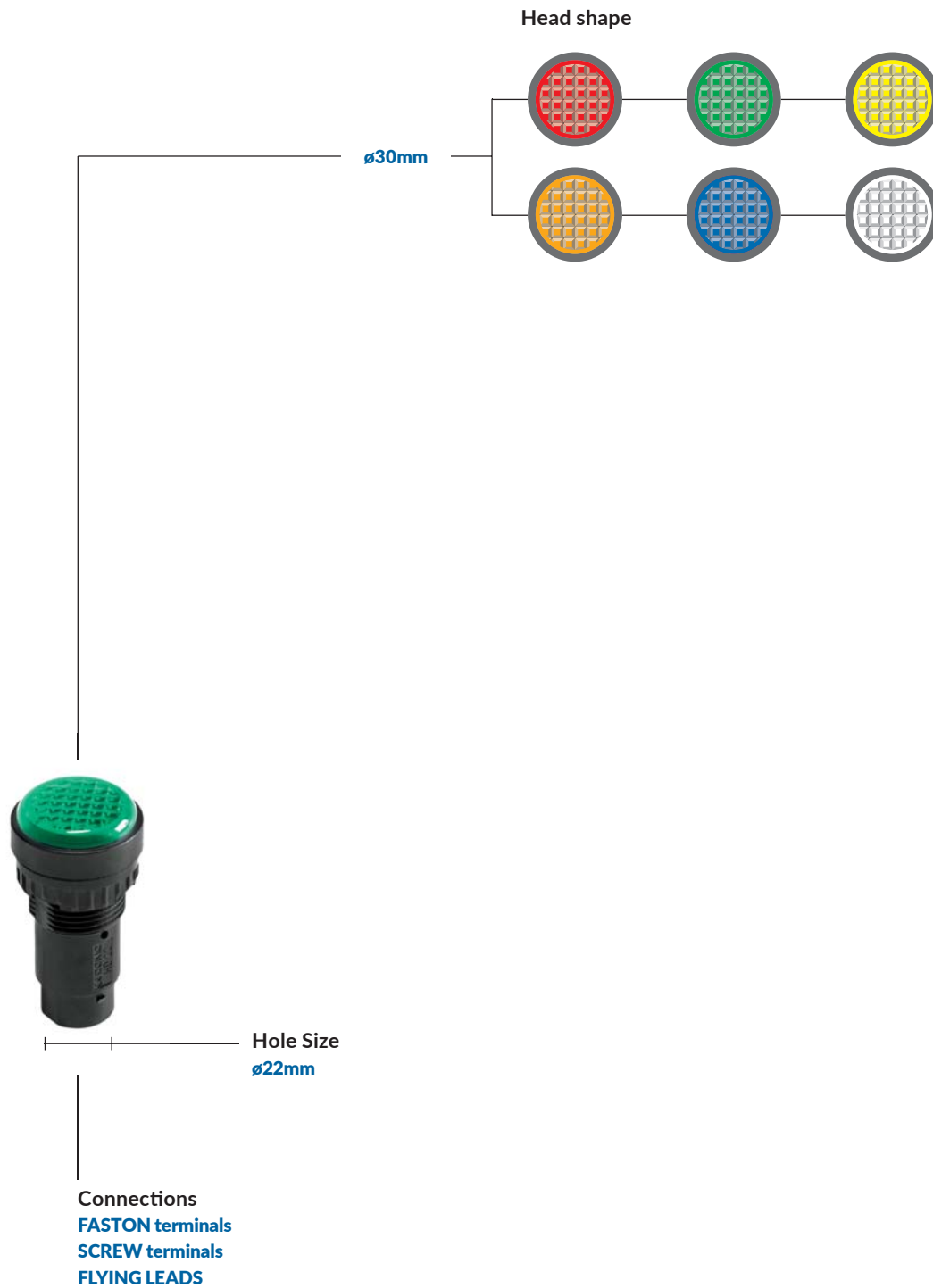
Monocolor



Flying Leads

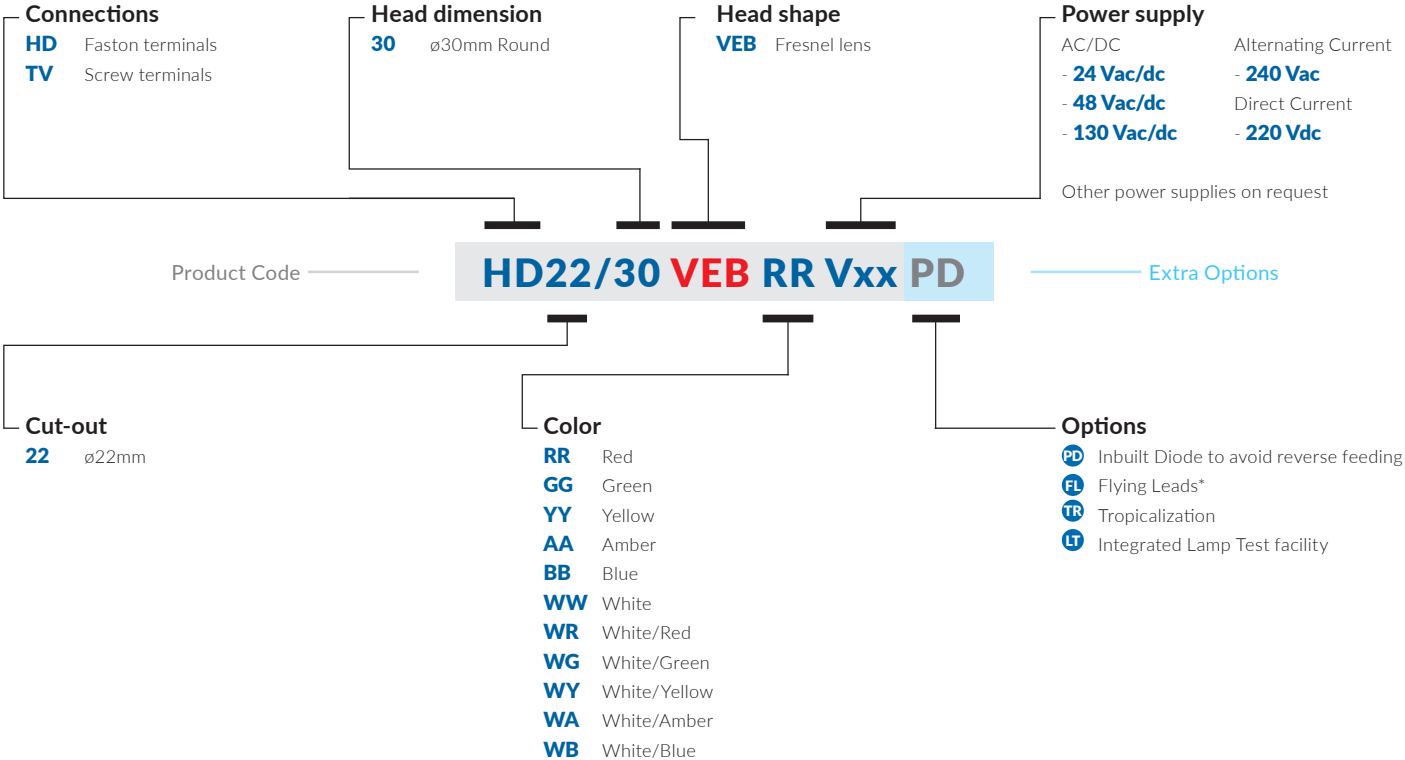
Monocolor





Series VEB - ø22mm

Coding



Please see product range section for the feasibility. Special version on request.

* Please contact our sales office to define details.



HD22/30
 Head Ø30mm
 Cut-out Ø22
 LED diffuser: Ø26mm
 Weight 15g



TV22/30
 Head Ø30mm
 Cut-out Ø22
 LED diffuser: Ø26mm
 Weight 18g



Colors

LED diffuser	LED
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Standard type

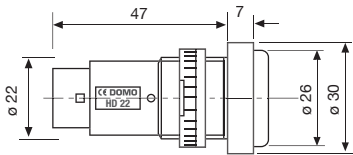
● Red	● Red	HD22/30 VEB RR Vxx	TV22/30 VEB RR Vxx
● Green	● Green	HD22/30 VEB GG Vxx	TV22/30 VEB GG Vxx
● Yellow	● Yellow	HD22/30 VEB YY Vxx	TV22/30 VEB YY Vxx
● Amber	● Amber	HD22/30 VEB AA Vxx	TV22/30 VEB AA Vxx
● Blue	● Blue	HD22/30 VEB BB Vxx	TV22/30 VEB BB Vxx
○ White	○ White	HD22/30 VEB WW Vxx	TV22/30 VEB WW Vxx
		PD TR LT	PD FL TR LT
○ White	● Red	HD22/30 VEB WR Vxx	TV22/30 VEB WR Vxx
○ White	● Green	HD22/30 VEB WG Vxx	TV22/30 VEB WG Vxx
○ White	● Yellow	HD22/30 VEB WY Vxx	TV22/30 VEB WY Vxx
○ White	● Amber	HD22/30 VEB WA Vxx	TV22/30 VEB WA Vxx
○ White	● Blue	HD22/30 VEB WB Vxx	TV22/30 VEB WB Vxx
		PD TR LT	PD FL TR LT

Series VEB - $\varnothing 22\text{mm}$

Dimensions and wiring

HD22/30 VEB

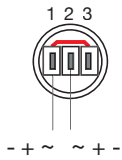
Dimensions mm 1:2



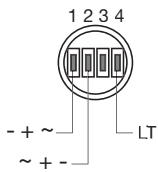
board thickness 10 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

Monocolor

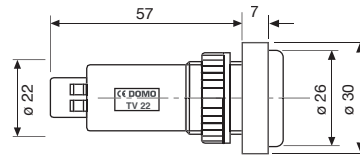


Monocolor + Lamp Test (LT)



TV22/30 VEB

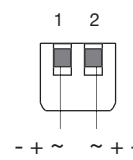
Dimensions mm 1:2



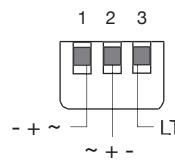
board thickness 10 mm
clamping: threaded nut

Screw terminal 14 AWG - 2,5mmq

Monocolor

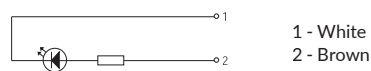


Monocolor + Lamp Test (LT)

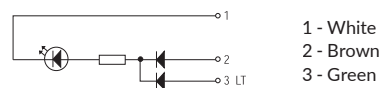


Flying Leads

Monocolor



Monocolor + Lamp Test (LT)



Accessories and spare parts Ø16mm

Round label holder
Weight 1g



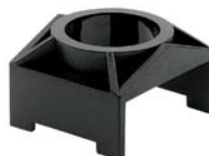
SIM16/24 PTR

Square label holder
Weight 1g



SIM16/24 PTS

Fastener for type B elements
Weight 2g



ASB18
ASB24

**Reducer ring from ø22mm
to ø16mm**
Weight 2g



ARF 22/16

Labels
Weight 4g



SIM16/24 TOW

Protective slides
Weight 4g



SIM16/24 VPK

Tightening wrench
Weight 9g



ACK 22/16

**Contact ring filler for Pushbutton
Switches' central contact**
Weight 1g



CD16 A3 EC

Accessories and spare parts Ø22mm

Round label holder
Weight 2g



SIM22/30 PTR

Square label holder
Weight 2g



SIM22/30 PTS

Fastener for type B elements
Weight 3g



ASB 30

Reducer ring from ø30mm to ø22mm
Weight 2g



ARF 30/22

Labels
Weight 4g



SIM22/30 TOW

Protective slides
Weight 4g



SIM22/30 VPK

Tightening wrench
Weight 9g



ACK 22/16

Lamp extractor
Weight 2g

Compatible with:
BA9s, BA7s, T5.5, T5.5k, MG



AEL BA9s/T5.5

Comparative table



Series	SFT	SLT	CR	PI	ML	VEB	PHR	
	Sferical	Sferical	Semaphore	Position	Multiled	Extrabright	Beacon	
Page	12	12	26	26	50	64	74	
Function								
Indicator	•	•	•	•	•	•	•	
Buzzer								
Pushbutton								
double pushbutton								
illuminated pushbutton								
Emergency mushroom								
Keylock switch								
selector switch								
Emergency for safety								
Design								
Protruding	•	•	•	•	•	•	•	
Flushmounting			•	•				
Round	•	•	•	•	•	•	•	
Square			•	•	•			
Rectangular								
Front protection (internal test)								
IP40					•			
IP54	•	•	•	•	•		•	
IP65					•	•		
IP67								
Contact rating								
10A								
5A								
Mounting Cut-out								
Ø8								
Ø12								
Ø16	•		•	•		•	•	
Ø22	•	•	•	•	•	•	•	
Terminal								
Faston 2,8x0,8	•	•	•	•	•	•	•	
Faston 2,8x0,5								
Screw	•	•	•	•	•	•	•	
Push-in (future)	F	F	F	F	F	F	F	
BA9s, Ba7s, E10, MG, BA15d, BA15s, E14								
Marking								
Paint, Engraving, Film insert				•	•			
Option								
Lamp Test (LT)	•	•	•	•	•			
Inbuilt Diode to avoid reverse feeding (PD)	•	•	•	•	•			
Tropicalization (TR)	•	•	•	•	•	•	•	
Double input + double lamp test (2C+2LT)			•					
Low voltage glow protection (LVGP)	F	F	F	F	F	F	F	
RGB color		•						
Compatible for DOMO Mosaic Mimic								
Protruding	•	•	•	•	•	•	•	
Flushmounting			•	•	•			

F = Future

