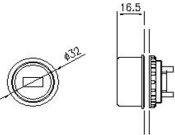
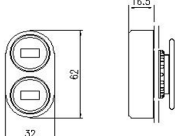
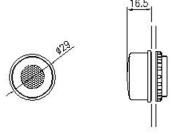
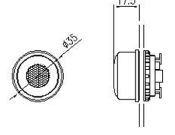
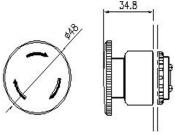
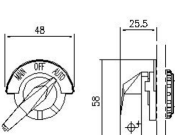
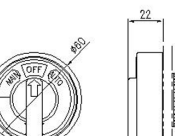
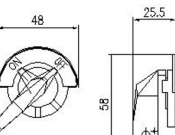
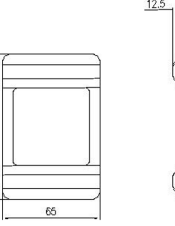


Actuator Component

EF-A Series

- Certification – IECEX KTL 22.0002U
- Ex eb IIC Gb/ Ex tb IIIC Db IP66

Cat. No.	Apply to	Rating	Description	Drawing
 EFPB-A	Push Button Series Unit	Max. AC 630V, 16A Max. DC 110V, 16A	A Contact B Contact	
 EFDB-A	Double Push Button Series Unit	Max. AC 630V, 16A Max. DC 110V, 16A	A Contact B Contact	
 EFPL-A	Pilot Lamp Unit	Max. AC 250V, 20mA Max. DC 110V, 20mA	Yellow, Green Red, White	
 EFIB-A	Illuminated Push Button Unit	Max. AC 630V, 16A Max. DC 110V, 16A Max. AC 250V, 20mA Max. DC 110V, 20mA	A Contact B Contact Yellow, Green Red, White	
 EFEB-A EFEK-A	Emergency Push Button Switch Unit	Max. 630V, 16A	EK : Key type	
 EFSS-A	Selector Switch Unit	Max. AC 630V, 20A Max. DC 250V, 20A	Max. 4 pole	
 EFLS-A	Selector Switch Unit	Max. AC 630V, 20A Max. DC 250V, 20A	Max. 4 pole	
 EFTS-A	Tumbler Switch	Max. AC 630V, 20A Max. DC 250V, 20A	Max. 4 pole	
 EFSL-A	Sight Lens		Ampere Meter	

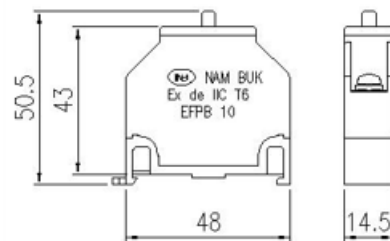
Push Button Switch Component EFPB Series

❖ Technical Data

- Protection Class
 - Switch module IP66 in conjunction with Ex-enclosure & actuator
- Certification
 - Ex de IIC
 - IECEx KTL 11.0002U
 - INERIS 13 ATEX 9004U
- Rating
 - Max. AC 630V / Max. 16A
 - Max. DC 110V / Max. 16A
- Material
 - Body : PBT (Polybutylene terephthalate)
 - Contact : Silver-nickel (Standard)
- Connection
 - Max. 4mm²
- Weight
 - 25g
- Assembly with actuator PB, DB, IB, EB



❖ Dimension



❖ Selection Chart

Type of Contact		Order Code
1NC		EFPB 10
1NO		EFPB 20

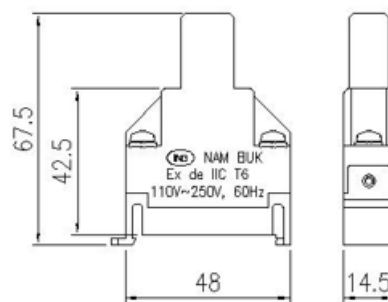
Pilot Lamp Component EFPL Series

❖ Technical Data

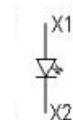
- Protection Class
 - Lamp module IP66 in conjunction with Ex-enclosure & actuator
- Certification
 - Ex de IIC
 - IECEx KTL 11.0002U
 - INERIS 13 ATEX 9004U
- Rating
 - Max. AC 250V / DC 110V / 20mA
 - Power ≤ 1W
- Material
 - Body : PC (Polycarbonate)
- Connection
 - Max. 4mm²
- Light Source
 - LED
- luminance
 - 1200 cd/m²



❖ Dimension



- Lamp color
 - Red, Yellow, Green, Blue, White
- Weight
 - 40g
- Assembly with actuator PL, IB

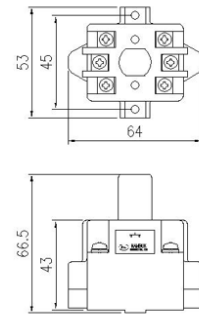


Illuminated Push Button Switch Component EFIB Series

❖ Technical Data

- Protection Class
 - Illuminated Switch module IP66 in conjunction with Ex-enclosure & actuator
- Certification
 - Ex de IIC
 - IECEx KTL 11.0002U
 - INERIS 13 ATEX 9004U
- Rating
 - Switch : Max. AC 250V / Max. DC 110V / 16A
 - Lamp : Max. AC 250V / Max. DC 110V / 20mA
 - Power $\leq$ 1W
- Material
 - Body : PC (Polycarbonate)
 - Contact : Silver-nickel (Standard)
- Connection
 - Max. 4mm²
- Light Source
 - LED
- Luminance
 - 1200 cd/m²
- Lamp color
 - Red, Yellow, Green, Blue, White
- Weight
 - 110g
- Assembly with actuator IB

❖ Dimension



❖ Selection Chart

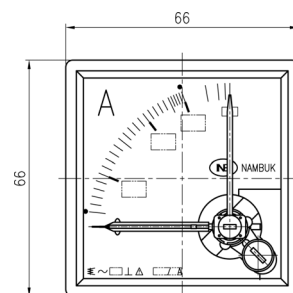
Type of Contact	Diagram	Order Code
1NC / 1NO		EFIB 01
2NC		EFIB 02
2NO		EFIB 03

Ampere Meter Component EFAM Series

❖ Technical Data

- Protection Class
 - Ampere Meter IP66 in conjunction with Ex-enclosure & actuator
- Certification
 - Ex eb IIC Gb
 - IECEx KTL 17.0023U
 - INERIS 19 ATEX 9004U
- Rating
 - Max. 5A
- Material
 - Body : PA6 (Polyamide6)
 - Lens : PC (Polycarbonate)
- Connection : Max. 4mm²
- This Ampere meter is for AC Voltage only.

❖ Dimension

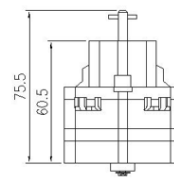
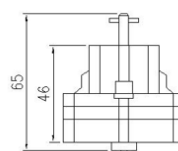
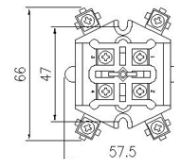
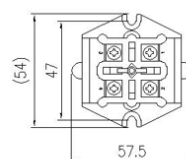


Selector Switch Component

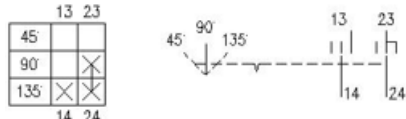
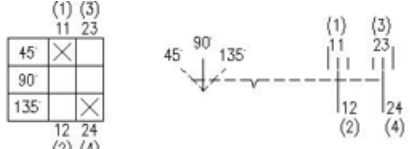
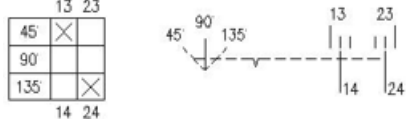
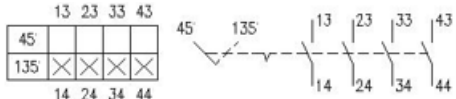
EFSS Series

❖ Technical Data

- Protection Class
 - Selector Switch module IP66 in conjunction with Ex-enclosure & actuator
- Certification
 - Ex de IIC
 - IECEx KTL 11.0002U
 - INERIS 13 ATEX 9004U
- Rating
 - Max. AC 630V / DC 250V / Max. 20A
- Material
 - Body : PBT (Polybutylene terephthalate)
 - Contact : Silver-nickel (Standard)
- Connection
 - Max. 4mm²
- Up to 2 steps (Standard)
- Up to 4 steps (Optional)
- In latching or spring return form
- Weight : 150g (2 pole)
200g (4 pole)
- Assembly with actuator SS, LS, TS



❖ Selection Chart

Pole	Switching Arrangements	Order Code	Switching Arrangements	Order Code
2 P		EFSS 202		EFSS 238
		EFSS 216		
		EFSS 227		EFSS 240
4 P		EFSS 402		EFSS 410
		EFSS 406		