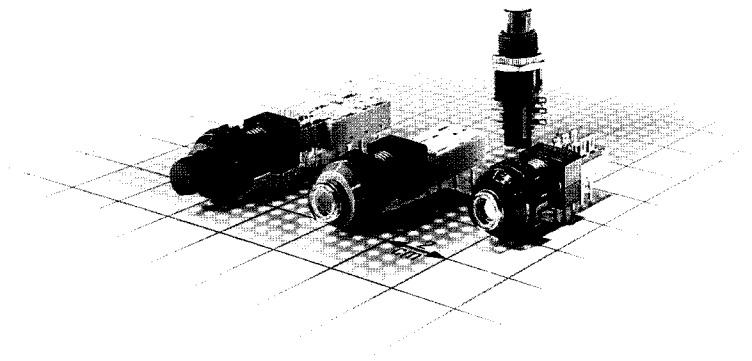


Central Mounted F-Modules



Single modules of the F Series including mains/power modules NE18 and NE18CTII are available with central mounting.

Standard Designs:

- **ZF12**
with threaded mounting M 12 × 0.75 and a metal knurled nut.
- **ZF**
with threaded mounting M 14 × 1 optional with threaded plastic front panel or with knurled nut.
- **ZFA**
like ZF but with indication button FA200.
- **ZFL**
like ZF but with illuminated push-buttons FLB or FLC or FLC-LED.
ZFL: you can select among these three illumination possibilities.

FA200



F200

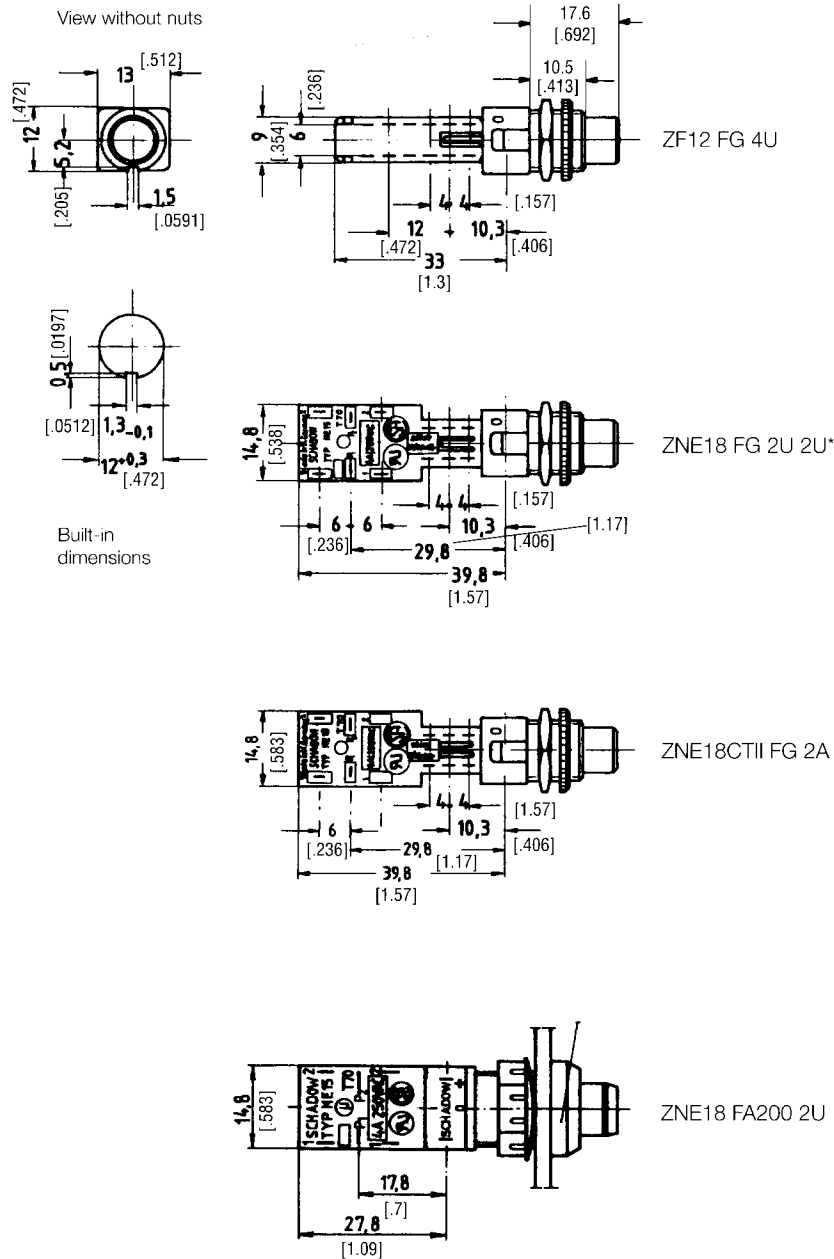


FLC



Dimensional Drawings · Dimensions in mm [inch]

With FG button: hole Ø 12 mm [.472 inch]



* with auxiliary contacts

Button styles

Series ZF12	With button FG (Ø 12 mm [.472 inch])
Series ZF	With button F200 (Ø 14 mm [.551 inch])
Series ZFA*	With button FA200 (Ø 14 mm [.551 inch])
Series ZFL*	With button FLB, FLC, FLC-LED You can select among these three illumination possibilities

* Please indicate color of button and indicator.

Illuminated buttons

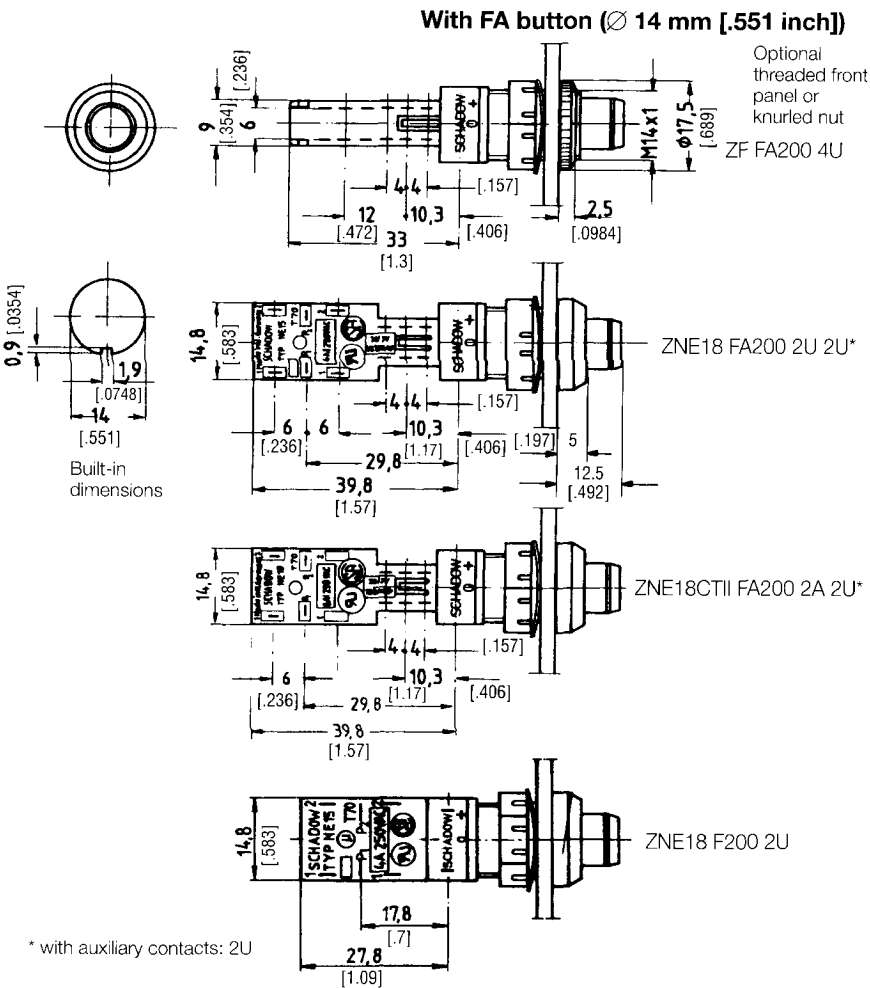
Type FLB	With filament lamp
Button shell	Black, white, grey
Cap	Red, yellow, green, white
Lamps	12 V/40 mA
Type FLC	With Neon lamp
Button shell	Black, white, grey
Cap	Red, white, green, chrome, yellow
Lamps	Neon glow lamp Z-300-GL2 ¹⁾
Type FLD	With LED
Button shell	Black, white, grey
Cap	Red, green, yellow
LED	Red, green, yellow

¹⁾ Recommended series resistors:
for 110 V 56 kΩ
for 220 V 150 kΩ

Lampholders

Type LZ1
Illumination with push-button in depressed position.
Type LZ2
Illumination independent from button position.

Dimensional Drawings · Dimensions in mm [inch]



Push-button switches with central mounting: ZF, ZNE18 and ZNE18CTII with F200 or FA200 button (14 mm [.551 inch] diameter)

Ordering code		1	2	3	4	5	6	7	8	9
Example:		ZF	LZ1	FLB	WH	RD		2U	EE	12 V
1	Designation: ZF, ZNE18, ZNE18CTII, ZF12 (only with FG button), ZFA = indicating push-button	→	→	→	→	→	→	→	→	→
2	Indication, illumination: none = without, none = indicating, LZ1 = illuminated in depressed position, LZ2 = illuminated independent from button position	→	→	→	→	→	→	→	→	→
3	Button: F200, FA200 = for indicating buttons, FG = only for ZF12, FLB (with filament lamp), FLC (with neon lamp), FLC-LED (with LED) = illuminated buttons	→	→	→	→	→	→	→	→	→
4	Color of button housing: BK = black, WH = white, GY = grey	→	→	→	→	→	→	→	→	→
5	Color of illuminated button cap: RD = red, YE = yellow, GN = green; additionally: FLB: WH = white, FLC: WH = white, SRYE = chrome-yellow	→	→	→	→	→	→	→	→	→
6	Color on ON-position of indicating buttons: WH = white, YE = yellow, OG = orange, BU = blue, GN = green	→	→	→	→	→	→	→	→	→
7	Contact arrangement (U = changeover, A = make-contact): 2U, 4U, 2A, with additional 2 auxiliary contacts (2U): 2U2U, 2U4U, 2A2U	→	→	→	→	→	→	→	→	→
8	Mechanical function: OA = momentary (LZ2 only OA), EE = latching/push-push (LZ1 and ZFA only EE)	→	→	→	→	→	→	→	→	→
9	Lamp voltage of illuminated buttons: 12 V	→	→	→	→	→	→	→	→	→