

Polyester kast - type INDEX.E.F  
Polyester box - type INDEX.E.F

**Omschrijving:**

De glasvezelversterkte polyester behuizingen uit de INDEX.E.F serie zijn speciaal ontwikkeld voor de grotere bedienings- en signaleringstoepassingen.

De behuizingen uit de INDEX.E.F serie hebben de volgende eigenschappen:

- zeer stabiele constructie
  - alle metalen onderdelen anticorrosief
  - grote maten beschikbaar, waardoor het mogelijk is om meer bedienings- en signaleringscomponenten te plaatsen
  - behuizingen met een diepte tot 160mm, waardoor het mogelijk is om aansluitklemmen onder de bediening- en signaleringscomponenten te plaatsen, waardoor zeer compact gebouwd kan worden
- Verder kunnen alle kasten uit de INDEX.E.F serie met eenzelfde diepte zonder beperking aan elkaar gekoppeld worden. Zo kan bijvoorbeeld een kast met bediening- en signaleringscomponenten worden gekoppeld aan een of meerdere kasten waarin Ex de besturingscomponenten zijn ondergebracht. Hierdoor kan een zeer veelzijdige configuratie worden samengesteld.

**Description:**

The glass reinforced polyester boxes from the INDEX.E.F range have been designed for the bigger control and signalling applications.

The INDEX.E.F boxes have following properties:

- very stable construction
  - all metal parts anti corrosive
  - big sizes are available, which gives the opportunity to mount many control and indicating units
  - depths of the boxes up to 160mm, which allows the possibility to mount terminals under the control and indicating units. In this way a very compact control unit can be assembled
- Further all boxes from the INDEX.E.F range with the same depth can be connected with each other without any limitation. For example: a box with control and signalling units can be connected to one or more boxes with Ex de control components, which allows a very versatile configuration.

Zone 1 & zone 2  
Zone 21 & zone 22

Polyester kast - type INDEX.E.F  
Polyester box - type INDEX.E.F



Lage uitvoering: enkele laag componenten  
Low depth: one layer components

Type	Lengte x breedte x diepte Length x width x depth
INDEX.E.F.11	122 x 170 x 96 mm
INDEX.E.F.31	134 x 220 x 96 mm
INDEX.E.F.51	160 x 275 x 96 mm
INDEX.E.F.71	234 x 352 x 96 mm
INDEX.E.F.81	352 x 352 x 96 mm



Hoge uitvoering: tweede laag componenten mogelijk  
High depth: second layer components possible

Type	Lengte x breedte x diepte Length x width x depth
INDEX.E.F.32	134 x 220 x 141 mm
INDEX.E.F.52	160 x 275 x 161 mm
INDEX.E.F.72	234 x 352 x 161 mm
INDEX.E.F.82	352 x 352 x 161 mm
INDEX.E.F.92	352 x 706 x 161 mm

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## Technische informatie:

Ex markering:  $\text{Ex II 2 G - Ex db eb IIC T4..T6 Gb}$   
 $\text{Ex II 2 D - Ex tb IIIC T85°C..135°C Db}$   
 Geschikt voor zone 1, 2, 21 en 22  
 Omgevingstemperatuur:  $-40^\circ\text{C} \leq \text{Ta} \leq 55^\circ\text{C}$   
 Omgevingstemperatuur optioneel:  $-40^\circ\text{C} \leq \text{Ta} \leq 55^\circ\text{C}$   
 Beschermsgraad: IP65  
 Spanning / stroom: max 400V / 16A  
 Materiaal behuizing: glasvezelversterkt polyester

Lage uitvoering: geschikt voor één laag  
 Hoge uitvoering: geschikt voor tweelagen

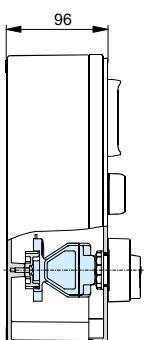
Conform de standaards: IEC-EN 60079

## Technical data:

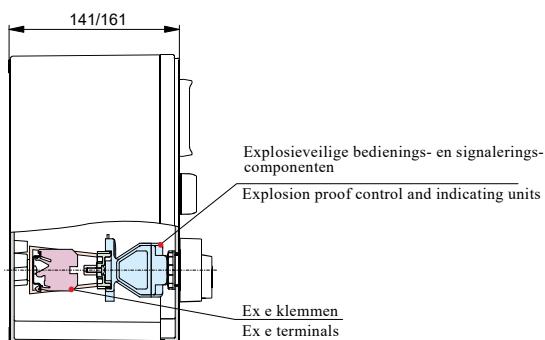
Ex mark:  $\text{Ex II 2 G - Ex db eb IIC T4..T6 Gb}$   
 $\text{Ex II 2 D - Ex tb IIIC 85°C..135°C Db}$   
 Can be used in zone 1, 2, 21 and 22  
 Ambient temperature:  $-40^\circ\text{C} \leq \text{Ta} \leq 55^\circ\text{C}$   
 Optional ambient temperature:  $-40^\circ\text{C} \leq \text{Ta} \leq 55^\circ\text{C}$   
 Degree of protection: IP65  
 Voltage / current: max 400V / 16A  
 Material of enclosure: glass fibre reinforced polyester

Low depth: one layer  
 High depth: two layers

Meets the standards: IEC-EN 60079



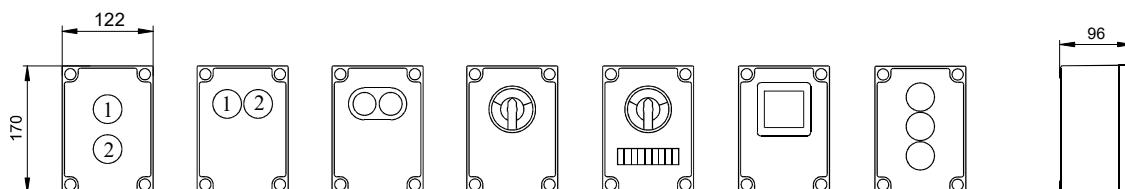
Lage uitvoering - Low depth



Hoge uitvoering - High depth

## Voorbeelden van mogelijke uitvoeringen Examples of possible configurations

**type INDEX.E.F.11**



Maximaal aantal posities: 3

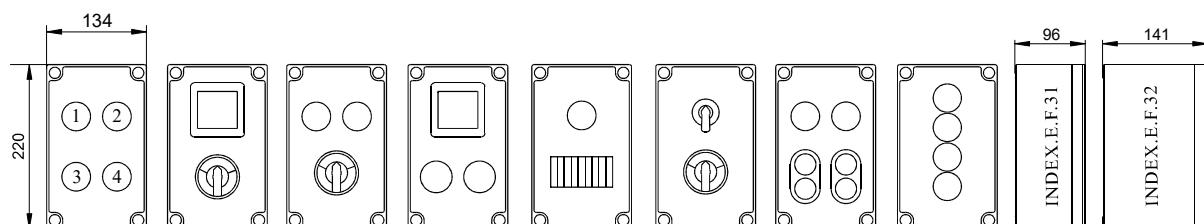
Opmerking:  
 De ampèremeter en de 4-polige schakelaar  
 nemen ieder 2 posities in beslag.

Maximum numbers of positions: 3

Note:  
 The ammeter module and 4-pole switch module both  
 occupy two positions

## Voorbeelden van mogelijke uitvoeringen Examples of possible configurations

**type INDEX.E.F.31**  
**type INDEX.E.F.32**



Maximaal aantal posities: 4

Opmerking:  
 De ampèremeter en de 4-polige schakelaar  
 nemen ieder 2 posities in beslag

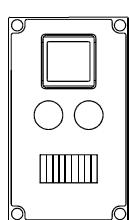
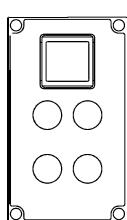
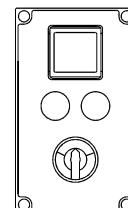
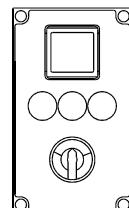
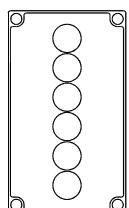
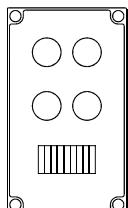
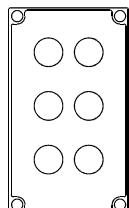
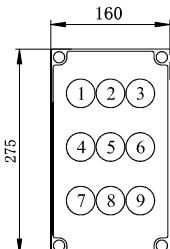
Maximum numbers of positions: 4

Note:  
 The ammeter module and 4-pole switch module both  
 occupy two positions

Polyester kast - type INDEX.E.F  
 Polyester box - type INDEX.E.F

type INDEX.E.F.51  
 type INDEX.E.F.52

Voorbeelden van mogelijke uitvoeringen  
 Examples of possible configurations



Maximaal aantal posities: 9

**Opmerking:**

De ampèremeter en de 4-polige schakelaar nemen ieder 2 posities in beslag.

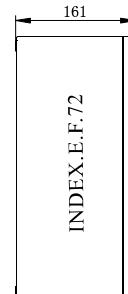
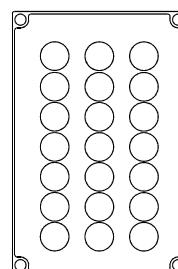
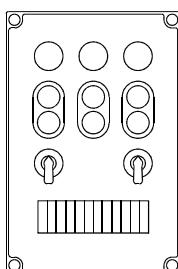
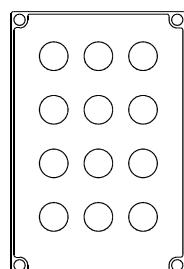
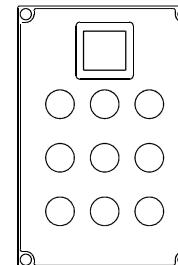
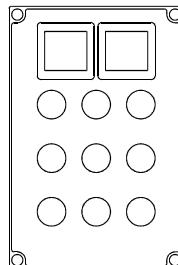
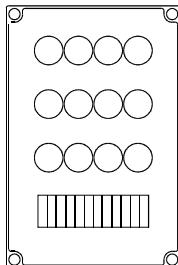
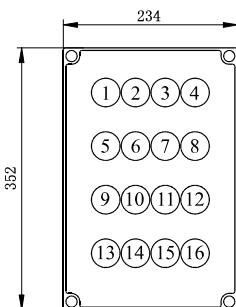
Maximum numbers of positions: 9

**Note:**

The ammeter module and 4-pole switch module both occupy two positions

Voorbeelden van mogelijke uitvoeringen  
 Examples of possible configurations

type INDEX.E.F.71  
 type INDEX.E.F.72



Maximaal aantal posities: 21

**Opmerking:**

De ampèremeter en de 4-polige schakelaar nemen ieder 2 posities in beslag.

Maximum numbers of positions: 21

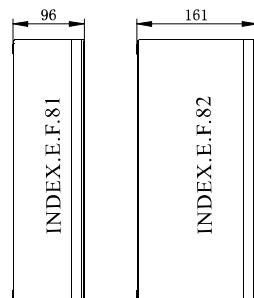
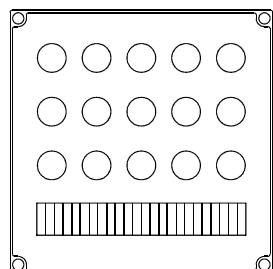
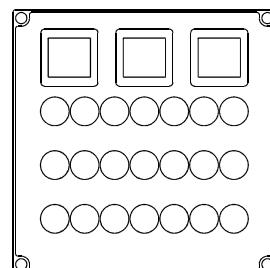
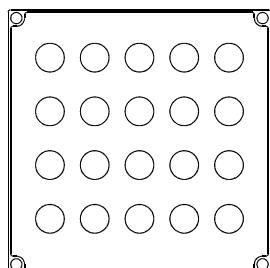
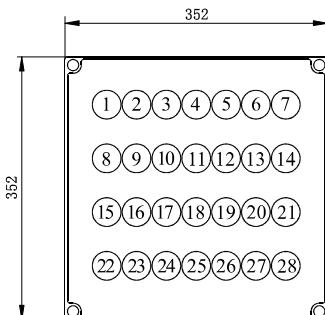
**Note:**

The ammeter module and 4-pole switch module both occupy two positions

Polyester kast - type INDEX.E.F  
 Polyester box - type INDEX.E.F

type INDEX.E.F.81  
 type INDEX.E.F.82

Voorbeelden van mogelijke uitvoeringen  
 Examples of possible configurations



Maximaal aantal posities: 28

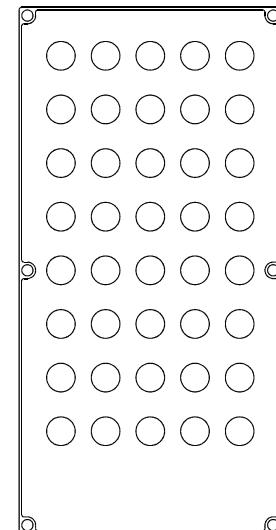
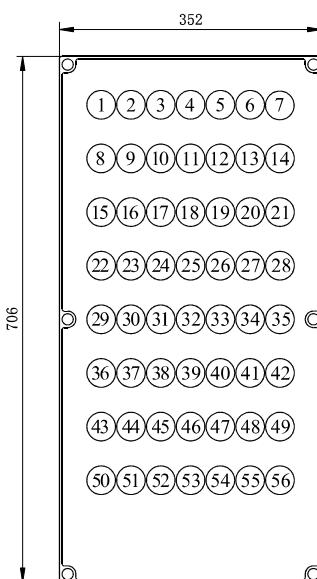
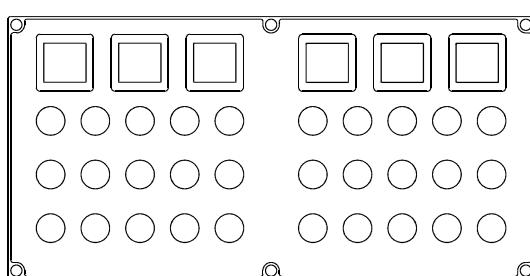
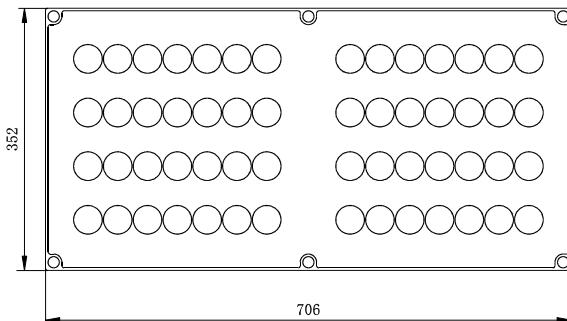
Opmerking:  
 De ampèremeter en de 4-polige schakelaar  
 nemen ieder 2 posities in beslag.

Maximum numbers of positions: 28

Note:  
 The ammeter module and 4-pole switch module  
 both occupy two positions

Voorbeelden van mogelijke uitvoeringen  
 Examples of possible configurations

type INDEX.E.F.92

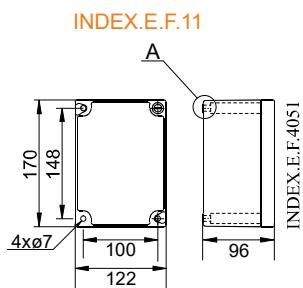
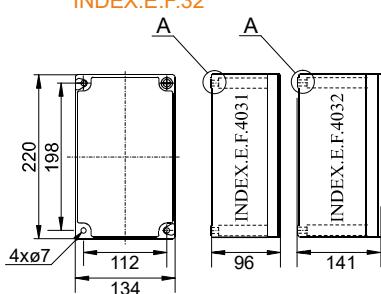
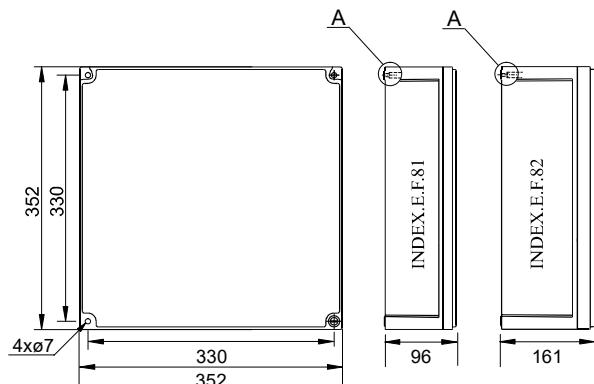


Maximaal aantal posities: 56

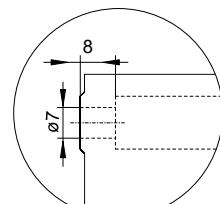
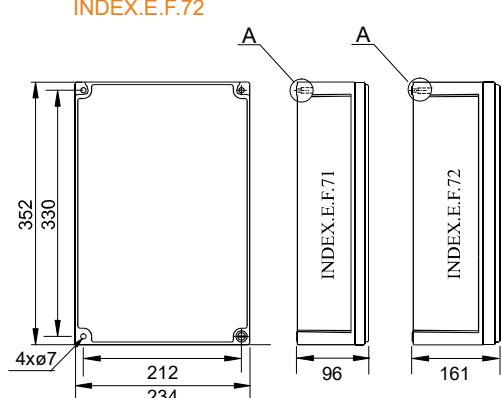
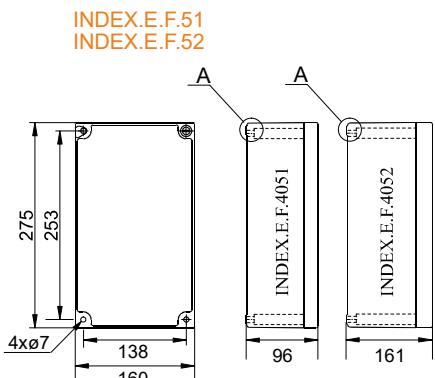
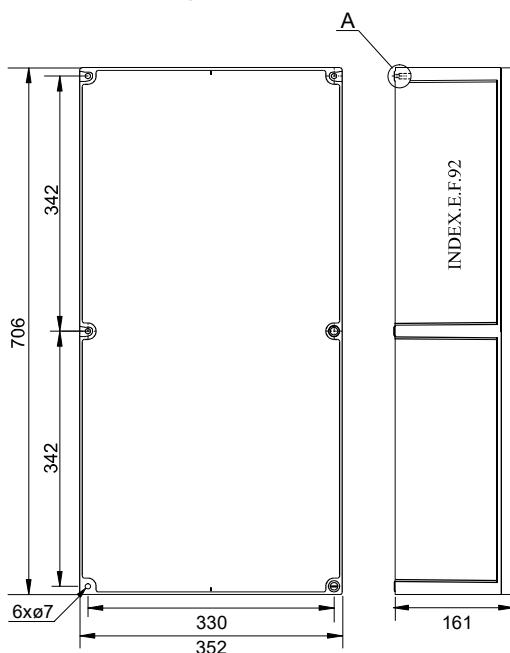
Opmerking:  
 De ampèremeter en de 4-polige schakelaar  
 nemen ieder 2 posities in beslag.

Maximum numbers of positions: 56

Note:  
 The ammeter module and 4-pole switch module both  
 occupy two positions

**Afmetingen**  
**Dimensions**

 INDEX.E.F.81  
 INDEX.E.F.82


INDEX.E.F.92



Detail - A