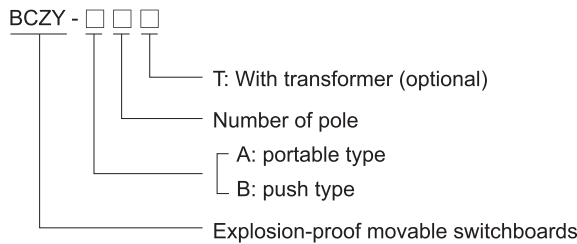


## Plug and Sockets BCZY Series Explosion-proof Movable Switchboards

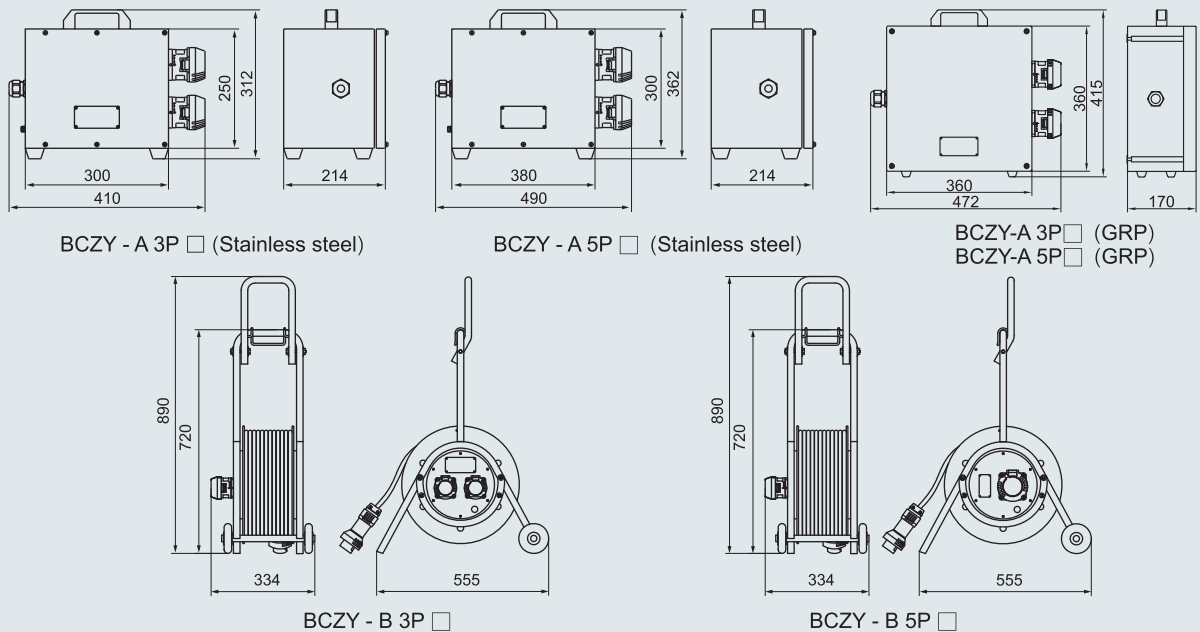


- ◆ Explosion protection to
  - CENELEC
  - IEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
- ◆ Type A (portable type) and type B (push type) for option.
- ◆ The enclosure of type A (portable type) : Stainless steel or GRP (glass fibre-reinforced polyester resin), the Max. transformer capacity of stainless steel product: 1000VA; the Max. transformer capacity of GRP product: 300VA
- ◆ Several kinds of voltage for option.
- ◆ Portable type is equipped with 5m cable; push type is equipped with 20m cable; also can be customized on request.
- ◆ Type A with transformer function.

### ■ Catalogue number logic



### Dimension drawings (all dimensions in mm) - subject to alteration



## Zones 1&2; 21&22

## Plug and Sockets

### BCZY Series Explosion-proof Movable Switchboards

#### Technical data

##### Explosion-proof movable switchboards BCZY-□□

##### Explosion protection

Gas explosion protection

⊕ II 2 G Ex d e IIC T4 Gb

Dust explosion protection

⊕ II 2 D Ex tb IIIC T80°C Db IP65

##### Certificates

ATEX and IECEx (applied for)

##### Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31

IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31

##### Material

Enclosure (Portable type)

Stainless steel or GRP

Plug and flange type socket

GRP (glass fibre-reinforced polyester resin)

Exposed fastener

Stainless steel

##### Quantity of inserting holes/plugs

3P (2P+PE or 1P+N+PE), 5P(3P+N+PE)

##### Rated voltage

3P : 200~250V AC, 5P : 380~415V AC

##### Rated current

16A

##### Degree of protection

IP65

##### Ambient temperature

-20°C~+55°C

##### Cable entries

Portable type: 1 x M25 x 1.5 cable gland (DQM-I Ex e, Stainless steel)

##### Weight

Portable type

Stainless steel: 8.40 kg (equipped with 5m cable); GRP: 5.10kg (equipped with 5m cable)

Push type

13.60kg (equipped with 20m cable)

##### Explosion-proof movable switchboards BCZY-□□T

##### Rated primary voltage

3P: 200~250VAC 50Hz (60Hz: optional); 5P: 380~415VAC 50Hz (60Hz: optional)

##### Rated secondary voltage

6V, 24V, 110V, 127V, 220V

##### Capacity

300VA, 500VA, 1000VA (Note: The Max transformer capacity of portable type GRP product is only 300VA)

##### Weight

Portable type

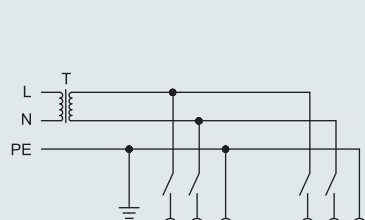
Stainless steel: 19.40 kg (equipped with 5m cable); GRP: 14.50kg (equipped with 5m cable)

Push type

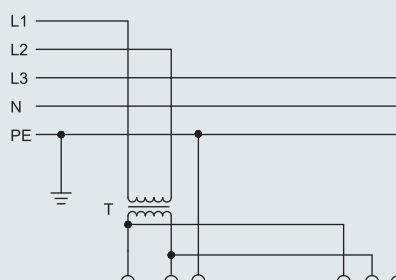
25.20kg (equipped with 20m cable)



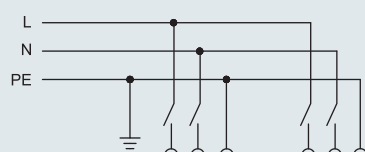
#### Electrical schematic diagram



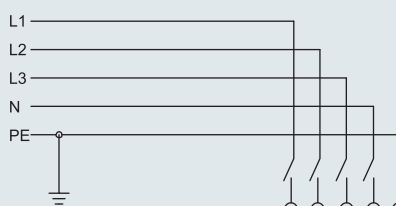
2 x 3 -pole  
BCZY - A 3P □



2 x 3 -pole  
BCZY - A 5P □



2 x 3 -pole  
BCZY - B 3P □



1 x 5 -pole  
BCZY - B 5P □