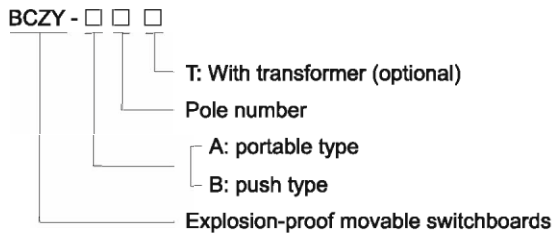




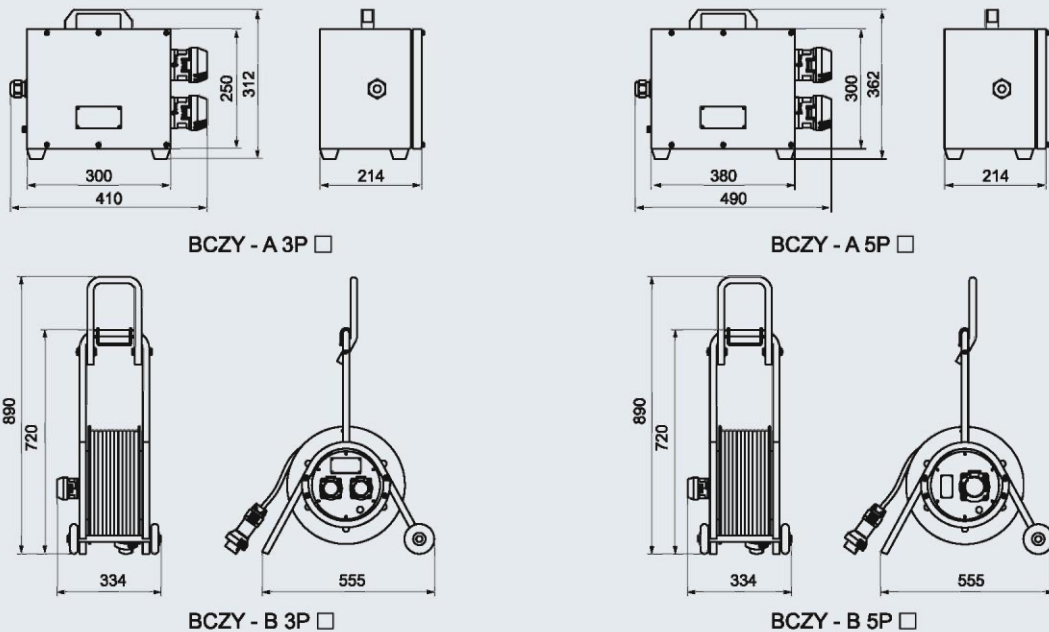
BCZY Explosion-proof Movable Switchboards

- ◆ 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 box is made of stainless steel.
- ◆ 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

Technical data

Explosion-proof movable switchboards BCZY-□□

Explosion protection

Gas explosion protection

II 2 G Ex de IIC T6 Gb

Dust explosion protection

II 2 D Ex tb IIIC T80°C Db IP66

Certificates

DNV 13 ATEX____; IECEX

Conformity to standards

EN 60079-0: 2009, EN 60079-1: 2007, EN 60079-7: 2007, EN 60079-31: 2009

IEC 60079-0: 2011, IEC 60079-1: 2007, IEC 60079-7: 2006, IEC 60079-31: 2008

Material

Enclosure

Stainless steel

Plug and flange type socket

GRP

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

IP66

Ambient temperature

-20°C~+55°C

Cable entries

Portable type: 1 x M25 x 1.5 cable gland (DQM-I Ex e, brass nickel plated)

Weight

Portable type: 8.40kg (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

500VA, 1000VA

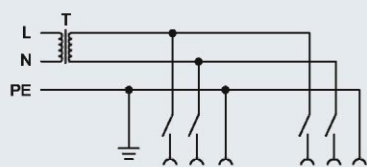
Weight

Portable type: 19.40kg (equipped with 5m cable)

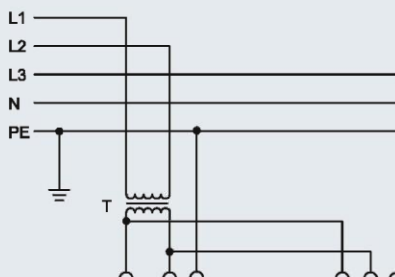
Push type: 25.20kg (equipped with 20m cable)



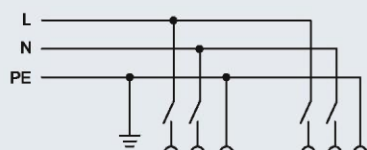
Electrical schematic diagram



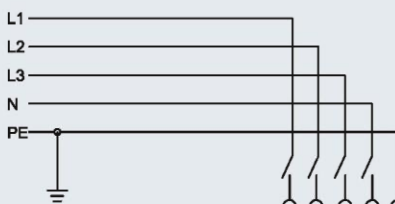
2 x 3 -pole
BCZY - A 3P □



2 x 3 -pole
BCZY - A 5P □



2 x 3 -pole
BCZY - B 3P □



1 x 5 -pole
BCZY - B 5P □