

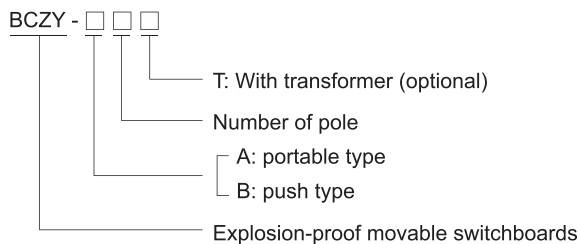
Plug and Sockets

BCZY Series Explosion-proof Movable Switchboards

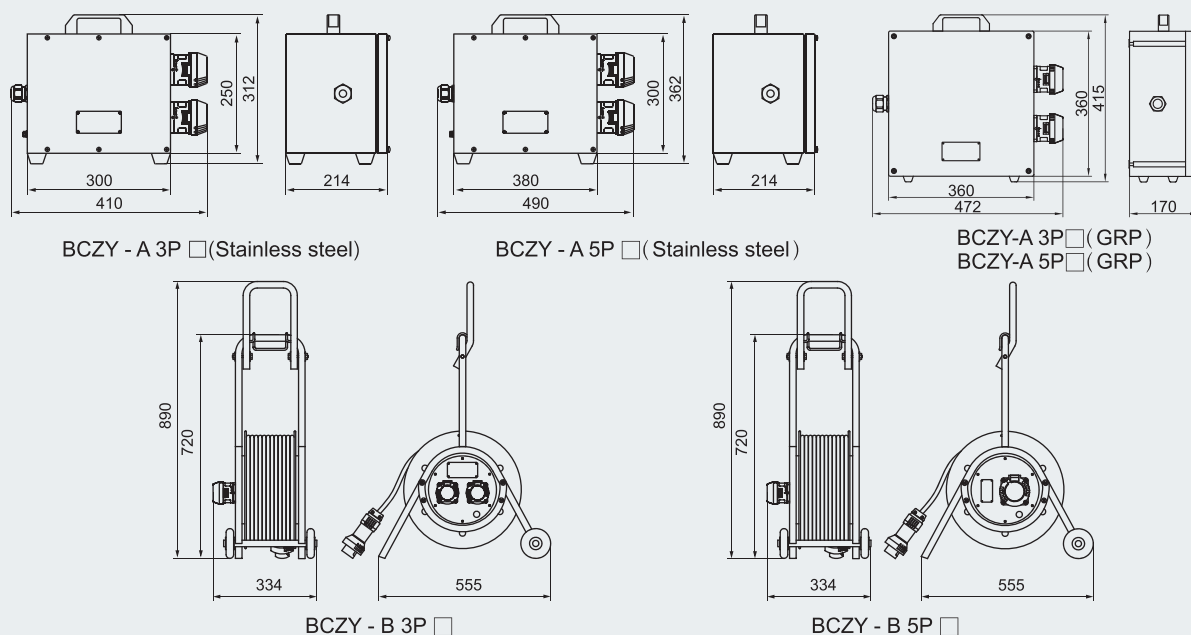


- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ Type A (portable type) and type B (push type) for option.
- ◆ The enclosure of type A (portable type) : Stainless steel or GRP (glass fibre-reinforced polyester resin), the Max. transformer 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

Dust explosion protection

Certificates

Conformity to standards

Material

Enclosure (Portable type)

Plug and flange type socket

Exposed fastener

Quantity of inserting holes/plugs

Rated voltage

Rated current

Degree of protection

Ambient temperature

Cable entries

Weight

Portable type

Push type

Ex II 2 G Ex d e IIC T4 Gb

Ex II 2 D Ex tb IIIC T80°C Db IP65

LCIE 15 ATEX____; IECEx

EN 60079-0: 2012, 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

Stainless steel or GRP

GRP (glass fibre-reinforced polyester resin)

Stainless steel

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

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

16A

IP65

-20°C~+55°C

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

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

13.60kg (equipped with 20m cable)

Explosion-proof movable switchboards BCZY-□□T

Rated primary voltage

Rated secondary voltage

Capacity

Weight

Portable type

Push type

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

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

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

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

25.20kg (equipped with 20m cable)

Electrical schematic diagram

