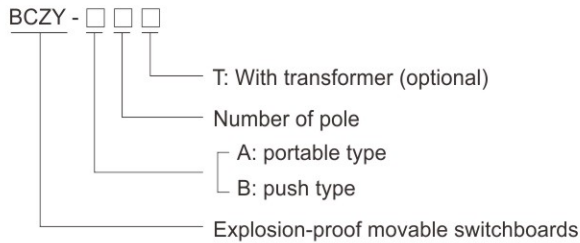


Plug and Sockets BCZY Series Explosion-proof Movable Switchboards

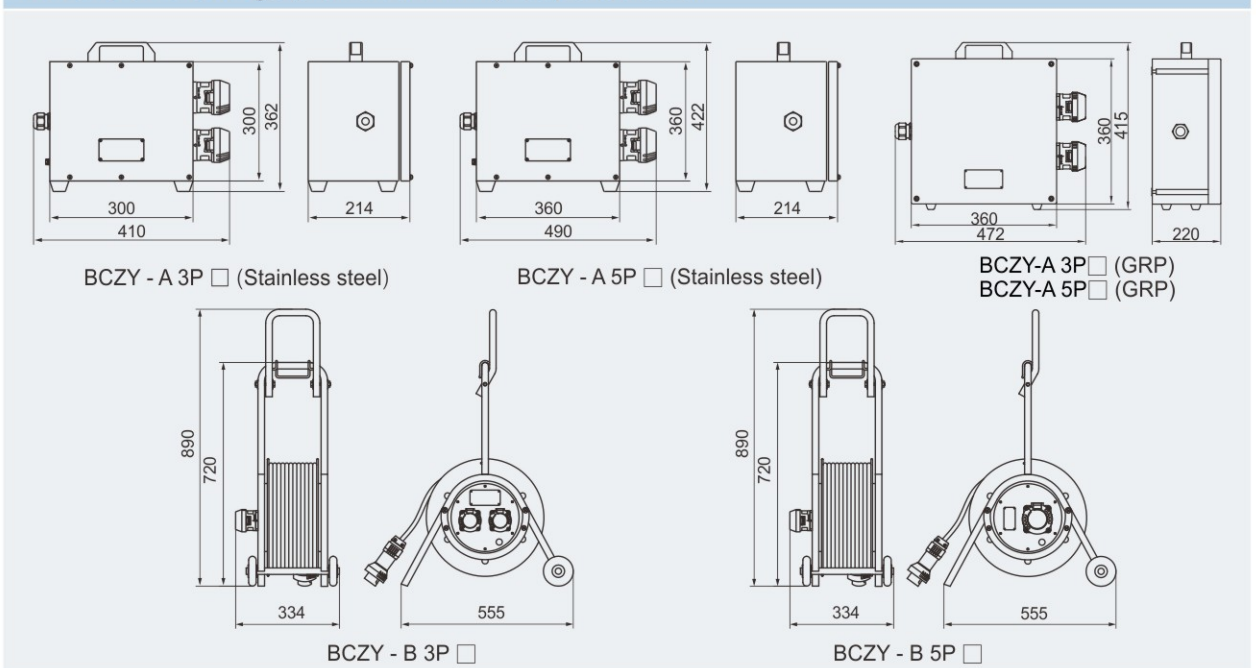


- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ Type A (portable type) and type B (push type) for option.
- ◆ The enclosure of type A (portable type) : Stainless steel or GRP (glass fibre-reinforced polyester resin), the Max. transformer capacity of stainless steel product: 1600VA; 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

Global (IECEX)
Gas and dust

IECEX (applied for)
Ex db eb IIC T4 Gb
Ex tb IIIC T80°C Db IP66

Europe (ATEX)
Gas and dust

ATEX (applied for)
⊕ II 2 G Ex db eb IIC T4 Gb
⊕ II 2 D Ex tb IIIC T80°C Db IP66

Certificates

IECEX; ATEX

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)
Plug and flange type socket
Exposed fastener

Stainless steel or GRP
GRP (glass fibre-reinforced polyester resin)
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, Stainless steel)
unarmored compound barrier

Explosion-proof movable switchboards BCZY-□□T

Rated primary voltage

110V, 120V, 127V, 208V, 220V, 230V, 240V, 250V, 277V, 380V, 400V, 415V, 440V, 480V, 660V

Rated secondary voltage

12V, 24V, 36V, 48V, 110V, 120V, 127V, 220V, 230V, 240V

Capacity

100VA, 200VA, 300VA, 400VA, 500VA, 750AV, 1000VA, 1600VA
(Note: The Max transformer capacity of portable type GRP product is only 300VA)



Electrical schematic diagram

