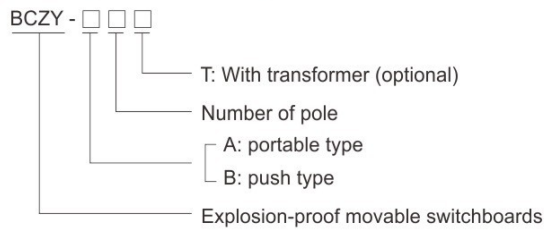


## Plug and Sockets BCZY Series Explosion-proof Movable Switchboards

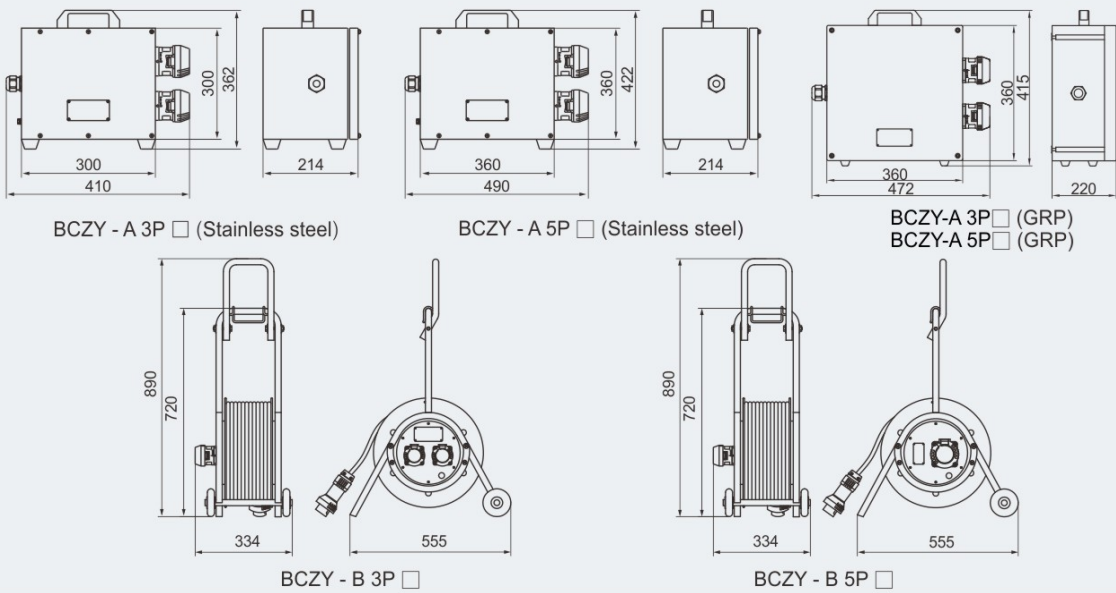


- ◆ Explosion protection to
  - CENELEC
  - IEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
- ◆ Type A (portable type) and type B (push type) for option.
- ◆ The enclosure of type A (portable type) : Stainless steel or GRP (glass fibre-reinforced polyester resin), the Max. transformer 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	
<b>Explosion-proof movable switchboards BCZY-□□</b>	
<b>Explosion protection</b>	IECEX (applied for) Ex db eb IIC T4 Gb Ex tb IIIC T80°C Db IP66
Global (IECEX) Gas and dust	
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
<b>Certificates</b>	IECEX; ATEX
<b>Conformity to standards</b>	EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31
<b>Material</b>	Stainless steel or GRP
Enclosure (Portable type)	
Plug and flange type socket	GRP (glass fibre-reinforced polyester resin)
Exposed fastener	Stainless steel
<b>Quantity of inserting holes/plugs</b>	3P (2P+PE or 1P+N+PE), 5P(3P+N+PE)
<b>Rated voltage</b>	3P : 200~250V AC, 5P : 380~415V AC
<b>Rated current</b>	16A
<b>Degree of protection</b>	IP66
<b>Ambient temperature</b>	-20°C~+55°C
<b>Cable entries</b>	Portable type: 1 x M25 x 1.5 cable gland (DQM-I Ex e, Stainless steel) unarmored compound barrier
<b>Explosion-proof movable switchboards BCZY-□□T</b>	
<b>Rated primary voltage</b>	110V, 120V, 127V, 208V, 220V, 230V, 240V, 250V, 277V, 380V, 400V, 415V, 440V, 480V, 660V
<b>Rated secondary voltage</b>	12V, 24V, 36V, 48V, 110V, 120V, 127V, 220V, 230V, 240V
<b>Capacity</b>	100VA, 200VA, 300VA, 400VA, 500VA, 750VA, 1000VA, 1600VA (Note: The Max transformer capacity of portable type GRP product is only 300VA)

