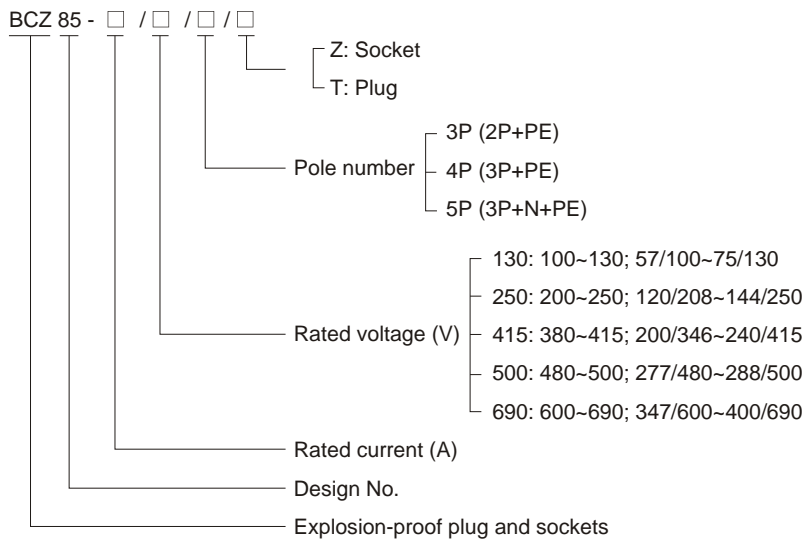


Plug and Sockets

BCZ85 Series Explosion-proof Plug and Sockets

- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ Four enclosure types; Four current ratings (16A, 32A, 63A, 125A); 3P, 4P or 5P.
- ◆ Plug can only be pulled out when switch is off; turn on the power after inserting the plug.
- ◆ Copper-free aluminium enclosure; powder coated external surface.

■ Catalogue number logic









































Zones 1&2; 21&22

Plug and Sockets

BCZ85 Series Explosion-proof Plug and Sockets

3

Selection table

Type	Current (A)	Voltage (V)	Pole number	Schematic diagram	h	Colour	Ordering code	Weight (kg)
	16	100~130	2P+PE		4	Yellow	30147	2.60
		200~250			6	Blue	30148	2.60
		100~130	3P+PE		4	Yellow	30149	2.60
		200~250			9	Blue	30150	2.60
		380~415			6	Red	30151	2.60
		480~500			7	Black	30152	2.60
		600~690			5	Black	30153	2.60
		57/100~75/130			4	Yellow	30154	2.60
		120/208~144/250	3P+N+PE		9	Blue	30155	2.60
		200/346~240/415			6	Red	30156	2.60
		277/480~288/500			7	Black	30157	2.60
		347/600~400/690			5	Black	30158	2.60
	32	200~250	2P+PE		6	Blue	30159	3.40
		200~250	3P+PE		9	Blue	30160	3.40
		380~415			6	Red	30161	3.40
		480~500			7	Black	30162	3.40
		600~690			5	Black	30163	3.40
		120/208~144/250	3P+N+PE		9	Blue	30164	3.40
		200/346~240/415			6	Red	30165	3.40
		277/480~288/500			7	Black	30166	3.40
		347/600~400/690			5	Black	30167	3.40
	63	200~250	3P+PE		9	Blue	30168	4.50
		380~415			6	Red	30169	4.50
		480~500			7	Black	30170	4.50
		600~690			5	Black	30171	4.50
		120/208~144/250	3P+N+PE		9	Blue	30172	4.50
		200/346~240/415			6	Red	30173	4.50
					6	Red	30173	4.50
	125	200~250	3P+PE		9	Blue	30174	20.0
		380~415			6	Red	30175	20.0
		480~500			7	Black	30176	20.0
		600~690			5	Black	30177	20.0
		120/208~144/250	3P+N+PE		9	Blue	30178	20.0
		200/346~240/415			6	Red	30179	20.0



Technical data

Explosion-proof plug and sockets **BCZ85-16/□/□**

Explosion protection

Gas explosion protection

Dust explosion protection

⊕ II 2 G Ex d IIC T6 Gb

⊕ II 2 D Ex t IIIIC T80°C Db IP66

Certificates

Nemko 12 ATEX____; FM (USA); GOST.R (Russia); IECEX; CQST(China)

Conformity to standards

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

IEC 60079-0:2007, IEC 60079-1:2007, IEC 60079-31:2008

Enclosure material

Copper-free aluminium; powder coated external surface

Enclosure colour

Window grey (RAL7040)

Exposed fastener

Stainless steel

Rated voltage

Max. 690V AC

Rated current

16A

Pole number

3P (2P+PE), 4P (3P+PE), 5P (3P+N+PE)

Degree of protection

IP66

Ambient temperature

-60°C ~ +55°C

Cable entry of socket

2 x M25 x 1.5(3P/4P), 2 x M32 x 1.5(5P)

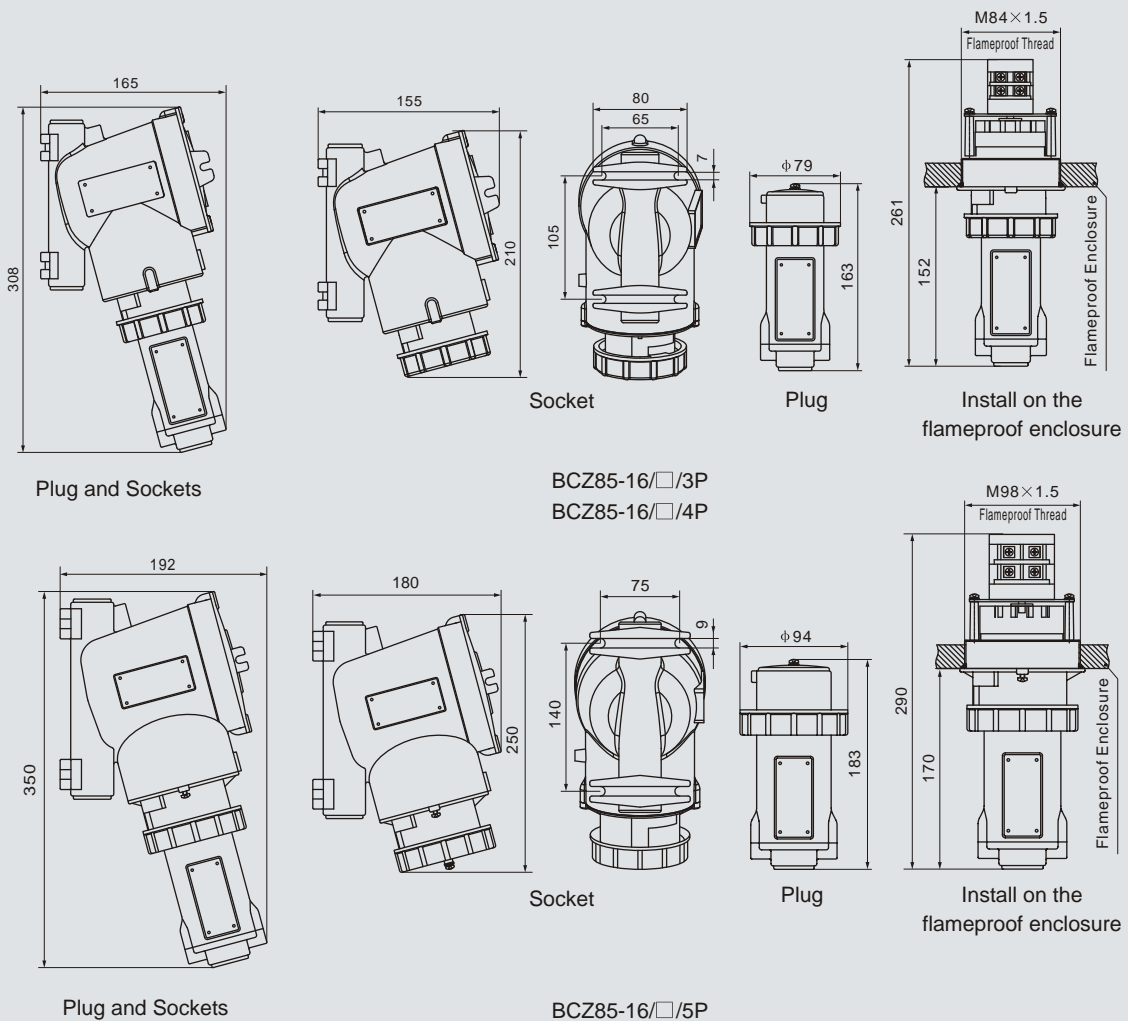
Cable entry of plug

1 x M25 x 1.5(3P/4P), 1 x M32 x 1.5(5P)

Cable gland (optional)

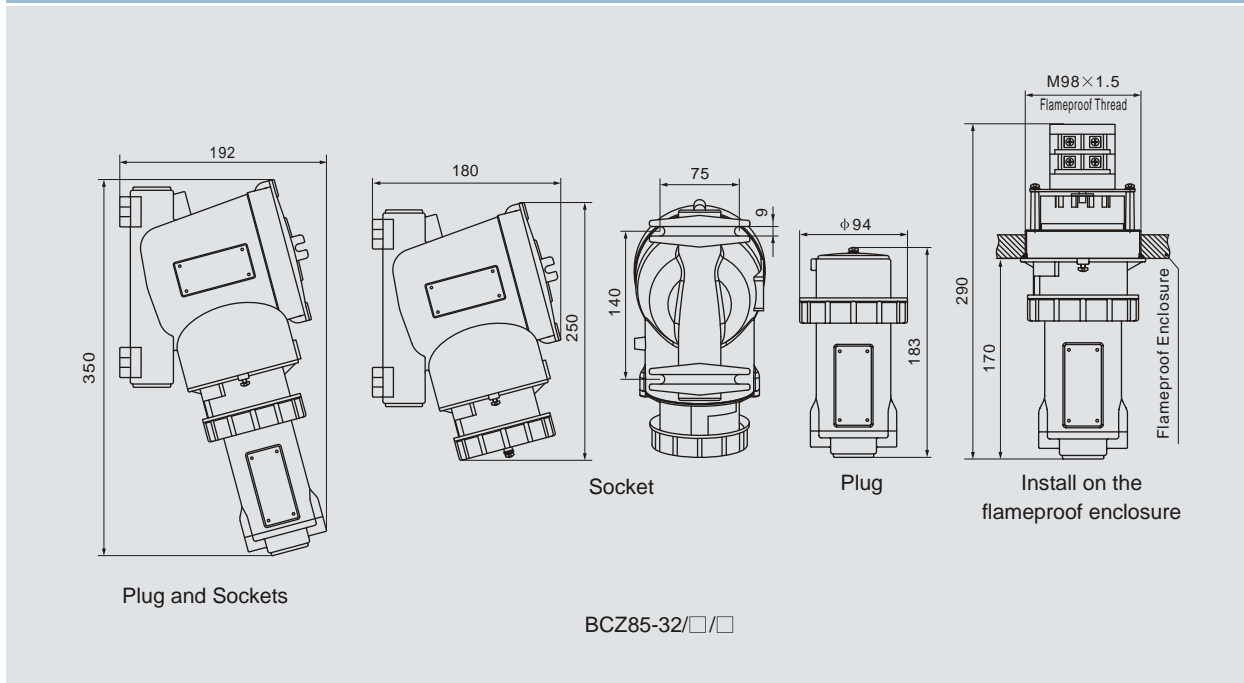
DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~25.

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



Technical data	
Explosion-proof plug and sockets BCZ85-32/□/□	
Explosion protection	<p>Gas explosion protection ⓧ II 2 G Ex d IIC T6 Gb</p> <p>Dust explosion protection ⓧ II 2 D Ex t IIIIC T80°C Db IP66</p>
Certificates	Nemko 12 ATEX____; FM (USA); GOST.R (Russia); IECEX; CQST(China)
Conformity to standards	EN 60079-0:2009, EN 60079-1:2007, EN 60079-31:2009 IEC 60079-0:2007, IEC 60079-1:2007, IEC 60079-31:2008
Enclosure material	Copper-free aluminium; powder coated external surface
Enclosure colour	Window grey (RAL7040)
Exposed fastener	Stainless steel
Rated voltage	Max. 690V AC
Rated current	32A
Pole number	3P (2P+PE), 4P (3P+PE), 5P (3P+N+PE)
Degree of protection	IP66
Ambient temperature	-60°C ~ +55°C
Cable entry of socket	2 x M32 x 1.5
Cable entry of plug	1 x M32 x 1.5
Cable gland (optional)	DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~25.

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



Technical data

Explosion-proof plug and sockets BCZ85-63/□/□

Explosion protection

Gas explosion protection

⊕ II 2 G Ex d IIC T6 Gb

Dust explosion protection

⊕ II 2 D Ex t IIIIC T80°C Db IP66

Certificates

Nemko 12 ATEX____; FM (USA); GOST.R (Russia); IECEX; CQST(China)

Conformity to standards

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

IEC 60079-0:2007, IEC 60079-1:2007, IEC 60079-31:2008

Enclosure material

Copper-free aluminium; powder coated external surface

Enclosure colour

Window grey (RAL7040)

Exposed fastener

Stainless steel

Rated voltage

Max. 690V AC

Rated current

63A

Pole number

4P (3P+PE), 5P (3P+N+PE)

Degree of protection

IP66

Ambient temperature

-60°C~+55°C

Cable entry of socket

2 x M40 x 1.5

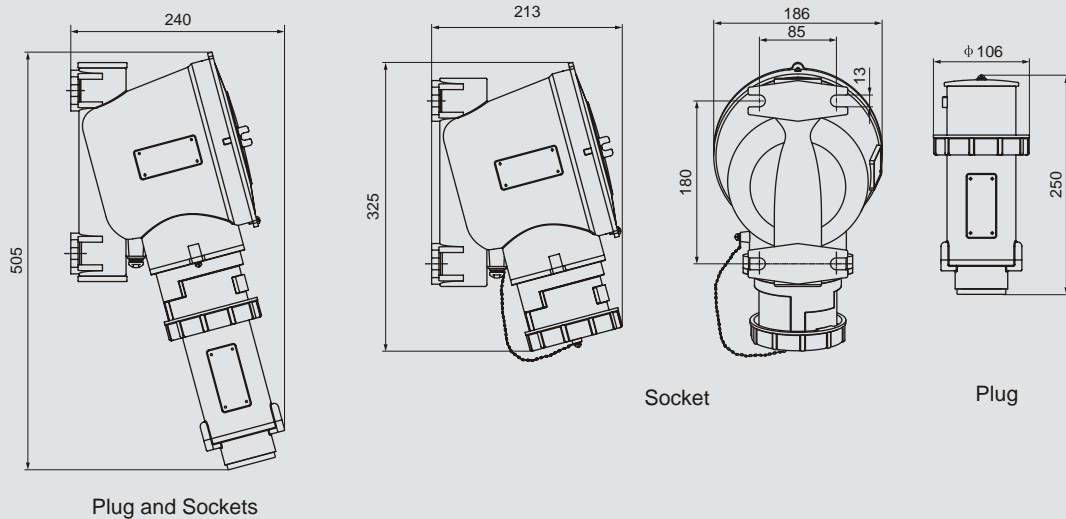
Cable entry of plug

1 x M40 x 1.5

Cable gland (optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~25.

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



BCZ85-63/□/□

Technical data

Explosion-proof plug and sockets BCZ85-125/□/□

Explosion protection

Gas explosion protection

⊕ II 2 G Ex d IIC T6 Gb

Dust explosion protection

⊕ II 2 D Ex t IIIC T80°C Db IP66

Certificates

Nemko 12 ATEX____; FM (USA); GOST.R (Russia); IECEX; CQST(China)

Conformity to standards

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

IEC 60079-0:2007, IEC 60079-1:2007, IEC 60079-31:2008

Enclosure material

Copper-free aluminium; powder coated external surface

Enclosure colour

Window grey (RAL7040)

Exposed fastener

Stainless steel

Rated voltage

Max. 690V AC

Rated current

125A

Pole number

4P (3P+PE), 5P (3P+N+PE)

Degree of protection

IP66

Ambient temperature

-60°C ~ +55°C

Cable entry of socket

1 x M63 x 1.5

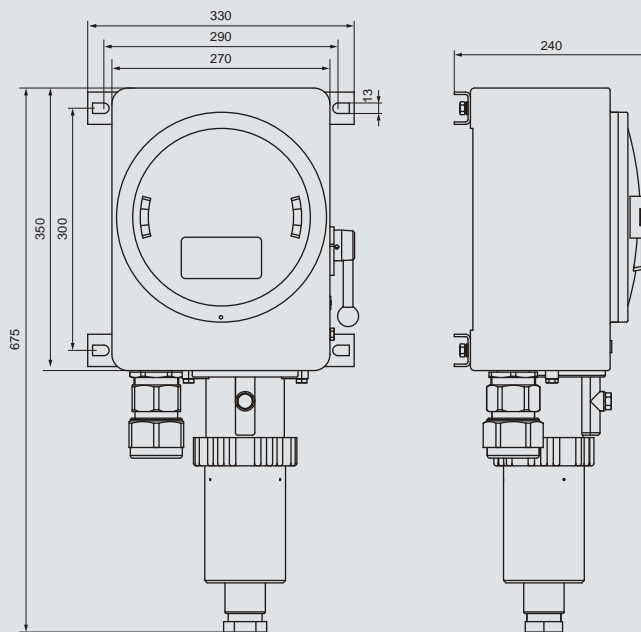
Cable entry of plug

1 x M50 x 1.5

Cable gland (optional)

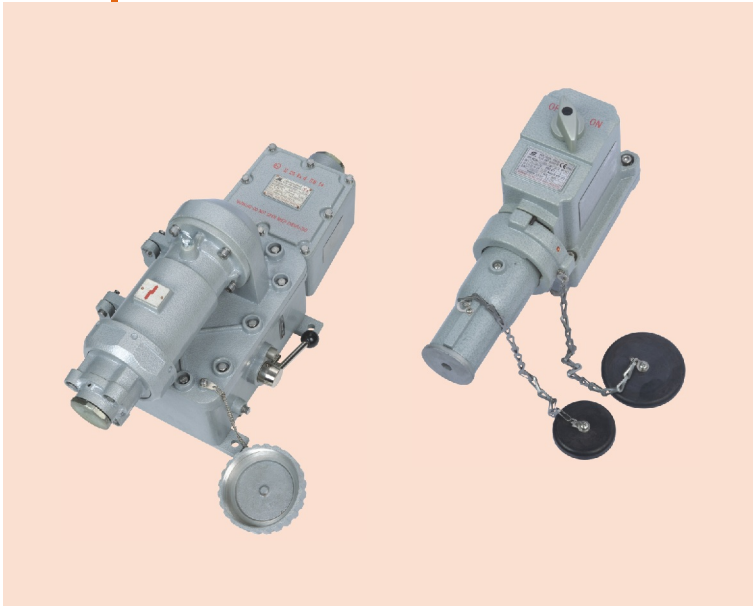
DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~25.

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



BCZ85-125/□/□



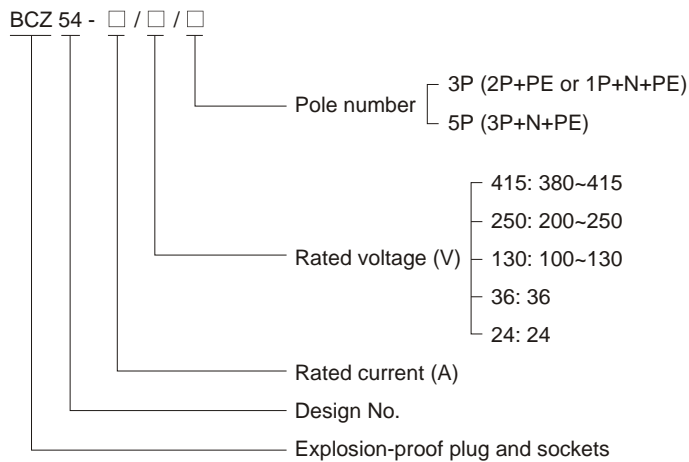


Plug and Sockets

BCZ54 Series Explosion-proof Plug and Sockets


- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ 2 enclosure types; 4 current ratings (16A,32A,63A,100A); 3P or 5P.
- ◆ Plug can only be pulled out when switch is off; turn on the power after inserting the plug.
- ◆ Canopy is recommended for outdoor use.
- ◆ Copper-free aluminium enclosure; powder coated external surface.

■ Catalogue number logic



Zones 1&2; 21&22

Selection table

Type	Voltage (V)	Pole number	Schematic diagram	Ordering code	Weight (kg)
	380~415	3P+N+PE		30011	3.25
	200~250	1P+N+PE		30012	3.10
	100~130	1P+N+PE		30013	3.10
	36	2P+PE		30014	3.10
	24	2P+PE		30015	3.10
	380~415	3P+N+PE		30016	3.35
	200~250	1P+N+PE		30017	3.20
	100~130	1P+N+PE		30018	3.20
	36	2P+PE		30019	3.20
	24	2P+PE		30020	3.20
	380~415	3P+N+PE		30021	30.30
	380~415	3P+N+PE		30022	30.30

Note: Plug and sockets are supplied as one complete set when ordering according to the above ordering code.



Technical data

Explosion-proof plug and sockets **BCZ54-16/□/□, BCZ54-32/□/□**

Explosion protection

Gas explosion protection

⊕ II 2 G Ex de IIB T¹ Gb

¹⁾ BCZ54-16/□/□: T6; BCZ54-32/□/□: T5

Certificates

For gas explosion protection

Nemko 09 ATEX 1013; IECEx CQM 11.0039

Conformity to standards

EN 60079-0:2006, EN 60079-1:2004, EN 60079-7:2004
IEC 60079-0:2007, IEC 60079-1:2007, IEC 60079-7:2006

Enclosure material

Copper-free aluminium; powder coated external surface

Enclosure colour

Window grey (RAL7040)

Exposed fastener

Stainless steel

Rated voltage

Max. 415V AC

Rated current

16A, 32A

AC 3

AC 3

Switch capacity

Application

AC 3			AC 3		
Ie(A)	Ue(V)	P(kW)	Ie(A)	Ue(V)	P(kW)
16	380, 400, 415	7.5	32	380, 400, 415	15
16	200, 230, 250	4.0	32	200, 230, 250	7.5
16	100, 120, 130	2.0	32	100, 120, 130	4
16	36	1.0	32	36	1.5
16	24	0.5	32	24	1.0

Degree of protection

IP54 (IP65 with canopy)

Ambient temperature

-20°C ~ +55°C

Cable entry of socket

Standard 1 x G1" plug

Cable entry of plug

Standard 1 x G1 1/4" plug

Cable gland (optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~25.

Available cable outer diameter

Φ12 ~ Φ19 (mm)

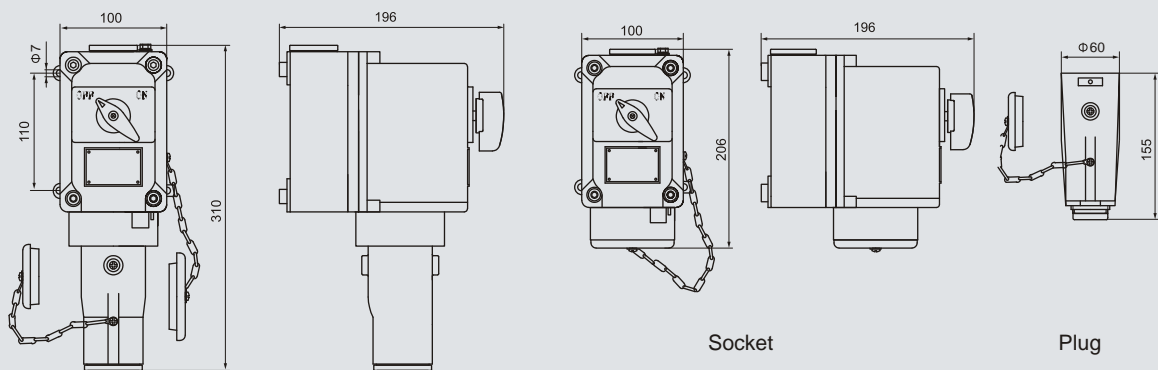
Cable connection

16A: 3 x (2.5~4) mm² or 5 x (2.5~4) mm²

32A: 3 x (4~6) mm² or 5 x (4~6) mm²



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



Plug and Sockets

BCZ54-16/□/□; BCZ54-32/□/□

Technical data

Explosion-proof plug and sockets **BCZ54-63/□/□, BCZ54-100/□/□**

Explosion protection

Gas explosion protection
 Dust explosion protection

Ex II 2 G Ex d IIB T4 Gb Ex d IIB T4 Gb
 Ex II 2 D Ex tD A21 T130°C IP65 Ex t IIB T130°C Db IP65

Certificates

Nemko 11 ATEX 1011; IECEx CQM 11.0024

Conformity to standards

EN 60079-0:2009, EN 60079-1:2007, EN 61241-1:2004
 IEC 60079-0:2007, IEC 60079-1:2007, IEC 60079-31:2008

Enclosure material

Copper-free aluminium; powder coated external surface

Enclosure colour

Window grey (RAL7040)

Exposed fastener

Stainless steel

Rated voltage

Max. 415V AC

Rated current

63A, 100A

Switch capacity

AC 3			AC 3		
Ie(A)	Ue(V)	P(kW)	Ie(A)	Ue(V)	P(kW)
63	380, 400, 415	30	100	380, 400, 415	37

Application

Degree of protection

IP65

Ambient temperature

-20°C ~ +55°C

Cable entry of socket

Standard 1 x G2" plug

Cable entry of plug

Standard 1 x G2" plug

Cable gland (optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~25.

Available cable outer diameter

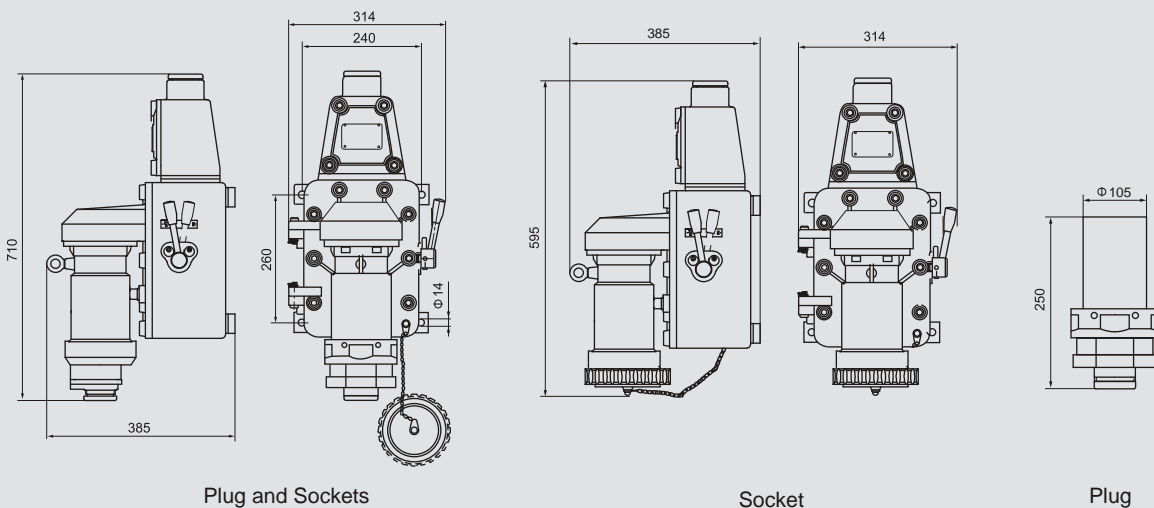
Φ25 ~ Φ35 (mm)

Cable connection

63A: 5 x (10~16)mm²
 100A: 5 x (16~25)mm²



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



BCZ54-63/□/□; BCZ54-100/□/□

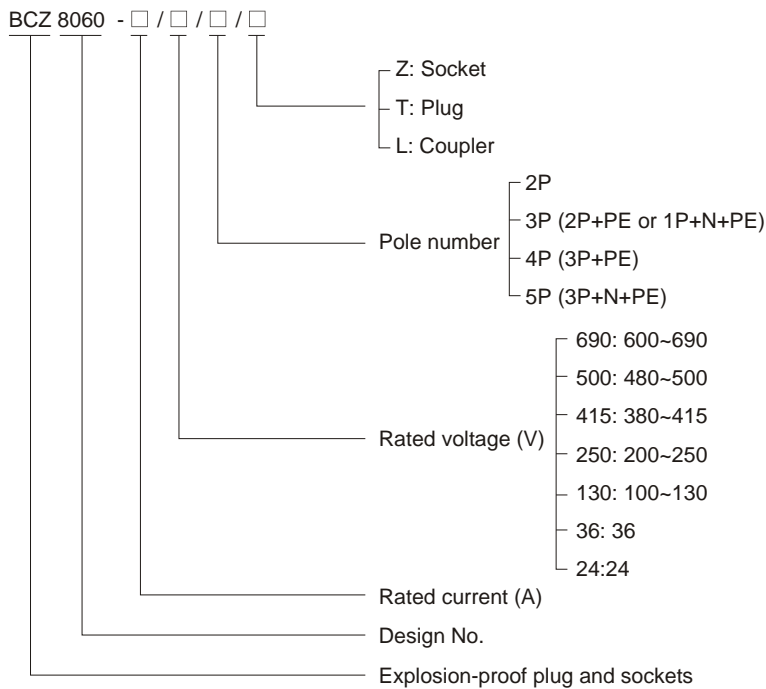


Plug and Sockets

BCZ8060 Series Explosion-proof Plug and Sockets

- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ 2P, 3P, 4P and 5P
- ◆ Plug can only be pulled out when switch is off; turn on the power after inserting the plug.
- ◆ GRP (glass fibre-reinforced polyester resin)

■ Catalogue number logic



Zones 1&2; 21&22

Selection table

Type	Voltage (V)	Current (A)	Pole number	Schematic diagram	h	Ordering code	Weight (kg)
	600~690	16	3P+PE		5	30047	1.85
	480~500	16	3P+PE		7	30048	1.85
	380~415	16	3P+N+PE		6	30049	1.85
		16	3P+PE		6	30050	1.85
	200~250	16	3P+N+PE		6	30051	1.85
		16	3P+PE		9	30052	1.85
		16	1P+N+PE		6	30053	1.85
	100~130	16	1P+N+PE		4	30054	1.85
	36	16	2P+PE		12	30055	1.80
		16	2P			30056	1.80
	24	16	2P+PE		12	30057	1.80
		16	2P			30058	1.80
	600~690	32	3P+PE		5	30059	2.85
	480~500	32	3P+PE		7	30060	2.85
	380~415	32	3P+N+PE		6	30061	2.85
		32	3P+PE		6	30062	2.85
	200~250	32	3P+N+PE		6	30063	2.85
		32	3P+PE		9	30064	2.85
	380~415	63	3P+N+PE	/	/	30065	14.90
		63	3P+PE	/	/	30066	14.90
	200~250	63	1P+N+PE	/	/	30067	14.90
	600~690	125	3P+PE		5	30068	16.00
	480~500	125	3P+PE		7	30069	16.00
	380~415	125	3P+N+PE		6	30070	16.00
		125	3P+PE		6	30071	16.00
	200~250	125	3P+N+PE		6	30072	16.00
		125	3P+PE		9	30073	16.00



Technical data

Explosion-proof plug and sockets BCZ8060-16/□/□

Explosion protection

Gas explosion protection

⊕ II 2 G Ex de IIC T6 Gb

Dust explosion protection

⊕ II 2 D Ex t III C T80°C Db IP66

Certificates

Nemko 12 ATEX____; IECEX; CQST (China)

Conformity to standards

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

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

Enclosure material

GRP (glass fibre-reinforced polyester resin)

Exposed fastener

Stainless steel

Rated voltage

AC 600V~690V, 480V~500V, 380V~415V, 200V~250V, 100V~130V

DC 36V, 24V

Rated current

16A

Degree of protection

IP66

Ambient temperature

-20°C~+55°C








Cable entries

Standard 1 x G3/4" cable gland, 1 x G3/4" plug

Cable gland (optional)

DQM-I (Ex e) is recommended. Please see P7/16.

Accessories and spare parts

Type	Voltage (V)	Current (A)	Pole number	Schematic diagram	h	Colour	Ordering Code	Weight (kg)
16A Coupler	600 ~ 690	16	3P+PE		5	Black	30098	1.30
	480 ~ 500	16	3P+PE		7	Black	30099	1.30
	380 ~ 415	16	3P+N+PE		6	Red	30100	1.30
		16	3P+PE		6	Red	30101	1.30
	200 ~ 250	16	3P+N+PE		6	Blue	30102	1.30
		16	3P+PE		9	Blue	30103	1.30
		16	1P+N+PE		6	Blue	30104	1.30
	100 ~ 130	16	1P+N+PE		4	Yellow	30105	1.30
	36	16	2P+PE		12	Purple	30106	1.25
		16	2P			Purple	30107	1.25
	24	16	2P+PE		12	Purple	30108	1.25
		16	2P			Purple	30109	1.25



Accessories and spare parts

Type	Voltage (V)	Current (A)	Pole number	Schematic diagram	h	Colour	Ordering Code	Weight (kg)	
 <p>16A Socket</p>	600 ~ 690	16	3P+PE		5	Black	30074	1.50	
	480 ~ 500	16	3P+PE		7	Black	30075	1.50	
	380 ~ 415	16	3P+N+PE		6	Red	30076	1.50	
		16	3P+PE		6	Red	30077	1.50	
	200 ~ 250	16	3P+N+PE		6	Blue	30078	1.50	
		16	3P+PE		9	Blue	30079	1.50	
		16	1P+N+PE		6	Blue	30080	1.50	
	100 ~ 130	16	1P+N+PE		4	Yellow	30081	1.50	
	36	16	2P+PE		12	Purple	30082	1.45	
		16	2P			Purple	30083	1.45	
	24	16	2P+PE		12	Purple	30084	1.45	
		16	2P			Purple	30085	1.45	
	 <p>16A Plug</p>	600 ~ 690	16	3P+PE		5	Black	30086	0.35
		480 ~ 500	16	3P+PE		7	Black	30087	0.35
380 ~ 415		16	3P+N+PE		6	Red	30088	0.35	
		16	3P+PE		6	Red	30089	0.35	
200 ~ 250		16	3P+N+PE		6	Blue	30090	0.35	
		16	3P+PE		9	Blue	30091	0.35	
		16	1P+N+PE		6	Blue	30092	0.35	
100 ~ 130		16	1P+N+PE		4	Yellow	30093	0.35	
36		16	2P+PE		12	Purple	30094	0.35	
		16	2P			Purple	30095	0.35	
24		16	2P+PE		12	Purple	30096	0.35	
		16	2P			Purple	30097	0.35	



Technical data

Explosion-proof plug and sockets BCZ8060-32/□/□

Explosion protection

Gas explosion protection

⊕ II 2 G Ex de IIC T6 Gb

Dust explosion protection

⊕ II 2 D Ex t IIIC T80°C Db IP66

Certificates

Nemko 12 ATEX____; IECEX; CQST (China)

Conformity to standards

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

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

Enclosure material

GRP (glass fibre-reinforced polyester resin)

Exposed fastener

Stainless steel

Rated voltage

AC 600V~690V, 480V~500V, 380V~415V, 200V~250V

Rated current

32A

Degree of protection

IP66

Ambient temperature

-20°C~+55°C




Cable entries



Standard 1 x M40 x 1.5 cable gland, 1 x M40 x 1.5 plug



Cable gland (optional)

DQM-I (Ex e) is recommended. Please see P7/16.

Accessories and spare parts

Type	Voltage (V)	Current (A)	Pole number	Schematic diagram	h	Colour	Ordering Code	Weight (kg)
 32A Socket	600 ~ 690	32	3P+PE		5	Black	30110	1.90
	480 ~ 500	32	3P+PE		7	Black	30111	1.90
	380 ~ 415	32	3P+N+PE		6	Red	30112	1.90
		32	3P+PE		6	Red	30113	1.90
	200 ~ 250	32	3P+N+PE		6	Blue	30114	1.90
		32	3P+PE		9	Blue	30115	1.90
 32A Plug	600 ~ 690	32	3P+PE		5	Black	30116	0.95
	480 ~ 500	32	3P+PE		7	Black	30117	0.95
	380 ~ 415	32	3P+N+PE		6	Red	30118	0.95
		32	3P+PE		6	Red	30119	0.95
	200 ~ 250	32	3P+N+PE		6	Blue	30120	0.95
		32	3P+PE		9	Blue	30121	0.95
 32A Coupler	600 ~ 690	32	3P+PE		5	Black	30122	1.75
	480 ~ 500	32	3P+PE		7	Black	30123	1.75
	380 ~ 415	32	3P+N+PE		6	Red	30124	1.75
		32	3P+PE		6	Red	30125	1.75
	200 ~ 250	32	3P+N+PE		6	Blue	30126	1.75
		32	3P+PE		9	Blue	30127	1.75

Technical data	
Explosion-proof plug and sockets BCZ8060-63/□/□	
Explosion protection	<p>Gas explosion protection  II 2 G Ex de IIC T4 Gb</p> <p>Dust explosion protection  II 2 D Ex t IIIC T130°C Db IP66</p>
Certificates	Nemko 12 ATEX____; IECEX; CQST (China)
Conformity to standards	EN 60079-0:2009, EN 60079-1:2007, EN 60079-7:2007, EN 60079-31:2009 IEC 60079-0:2007, IEC 60079-1:2007, IEC 60079-7:2006, IEC 60079-31:2008
Enclosure material	GRP (glass fibre-reinforced polyester resin)
Exposed fastener	Stainless steel
Rated voltage	AC 380V~415V, 200V~250V
Rated current	63A
Degree of protection	IP66
Ambient temperature	-20°C~+55°C
Cable entries	Standard 1 x G1 1/2" cable gland
Cable gland (optional)	DQM-I (Ex e) is recommended. Please see P7/16.

Accessories and spare parts							
Type	Voltage (V)	Current (A)	Pole number	Schematic diagram	Colour	Ordering Code	Weight (kg)
63A Socket 	380 ~ 415	63	3P+N+PE	/	Red	30128	12.75
		63	3P+PE	/	Red	30129	12.75
	200 ~ 250	63	1P+N+PE	/	Blue	30130	12.75
63A Plug 	380 ~ 415	63	3P+N+PE	/	Red	30131	2.15
		63	3P+PE	/	Red	30132	2.15
	200 ~ 250	63	1P+N+PE	/	Blue	30133	2.15



Technical data

Explosion-proof plug and sockets BCZ8060-125/□/□

Explosion protection

Gas explosion protection

⊕ II 2 G Ex de IIC T4 Gb

Dust explosion protection

⊕ II 2 D Ex t IIIC T130°C Db IP66

Certificates

Nemko 12 ATEX____; IECEX; CQST (China)

Conformity to standards

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

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

Enclosure material

GRP (glass fibre-reinforced polyester resin)

Exposed fastener

Stainless steel

Rated voltage

AC 600V~690V, 480V~500V, 380V~415V, 200V~250V

Rated current

125A

Degree of protection

IP66

Ambient temperature

-20°C~+55°C











Cable entries

Standard 1 x M63 x 1.5 cable gland, 1 x M63 x 1.5 plug

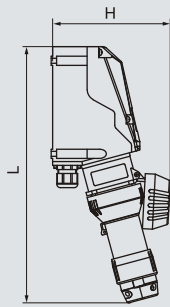
Cable gland (optional)

DQM-I (Ex e) is recommended. Please see P7/16.

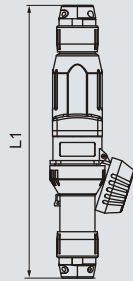
Accessories and spare parts

Type	Voltage (V)	Current (A)	Pole number	Schematic diagram	h	Colour	Ordering Code	Weight (kg)
 125A Socket	600 ~ 690	125	3P+PE		5	Black	30134	14.30
	480 ~ 500	125	3P+PE		7	Black	30135	14.30
	380 ~ 415	125	3P+N+PE		6	Red	30136	14.30
		125	3P+PE		6	Red	30137	14.30
	200 ~ 250	125	3P+N+PE		6	Blue	30138	14.30
		125	3P+PE		9	Blue	30139	14.30
 125A Plug	600 ~ 690	125	3P+PE		5	Black	30140	1.70
	480 ~ 500	125	3P+PE		7	Black	30141	1.70
	380 ~ 415	125	3P+N+PE		6	Red	30142	1.70
		125	3P+PE		6	Red	30143	1.70
	200 ~ 250	125	3P+N+PE		6	Blue	30144	1.70
		125	3P+PE		9	Blue	30145	1.70

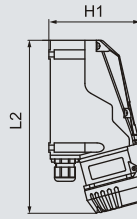
Dimension drawings (all dimensions in mm) - subject to alteration



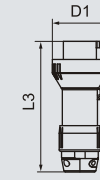
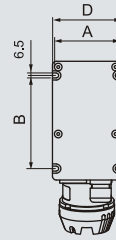
Plug and socket



Coupler (L)



Socket (Z)

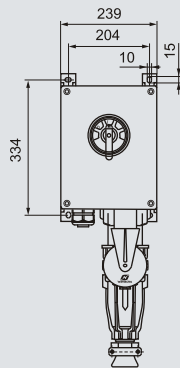


Plug (T)

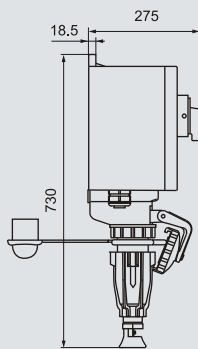
BCZ8060-16/□/□

BCZ8060-32/□/□

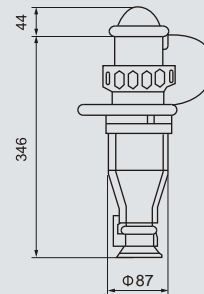
Type	L	H	L1	L2	H1	D	A	B	L3	D1
BCZ8060-16/□/□(2P/3P)	336	154	356	227	120	90	80	122	171	72
BCZ8060-16/□/□(4P/5P)	408	175	460	252	151	110	102	150	217	76.5
BCZ8060-32/□/□	460	209	514	283	171	120	113	169	253	95



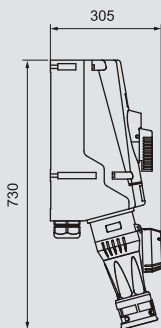
Plug and socket



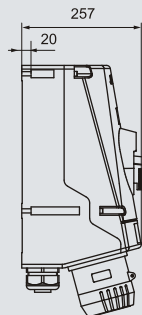
BCZ8060-63/□/□



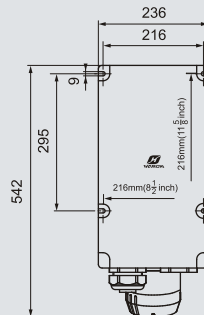
Plug (T)



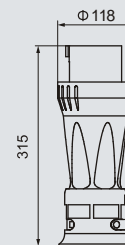
Plug and socket



Socket (Z)



BCZ8060-125/□/□



Plug (T)

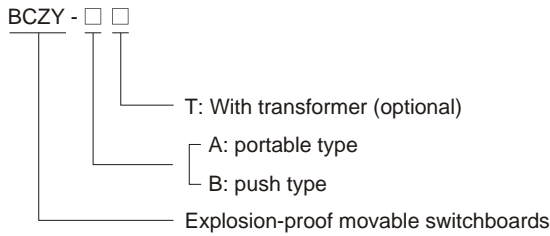




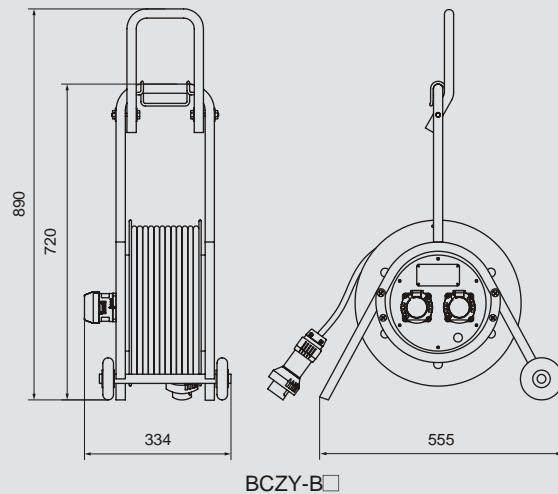
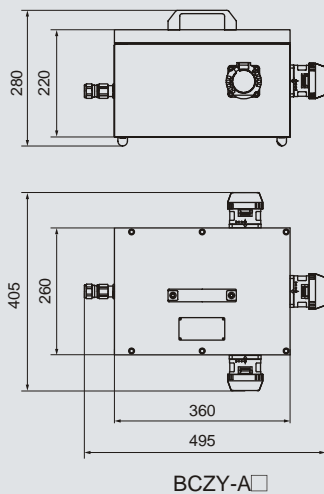
BCZY Explosion-proof Movable Switchboards

- ◆ 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.
- ◆ Transformer function can be added

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
Dust explosion protection

⊕ II 2 G Ex de IIC T6 Gb
⊕ II 2 D Ex t IIIIC T80°C Db IP65

Certificates

LCIE 12 ATEX_____

Conformity to standards

EN 60079-0: 2009, EN 60079-1: 2007, EN 60079-7: 2007, EN 60079-31: 2009
IEC 60079-0: 2007, IEC 60079-1: 2007, IEC 60079-7: 2006, IEC 60079-31: 2008

Material

Enclosure
Plug and flange type socket
Exposed fastener

Stainless steel
GRP
Stainless steel

Quantity of inserting holes/plugs

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

Rated voltage

3P : 200~250VAC, 5P : 380~415VAC

Rated current

16A

Degree of protection

IP65

Ambient temperature

-20°C~+55°C

Cable entries

Portable type: 1 x 25 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

