



Zones 1&2; 21&22

Plugs and Sockets

BCZ85 Series Explosion-proof Plugs and Sockets

Technical data

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

Explosion protection

IECEX CNEX 19.0015X

CNEX 19 ATEX 0023X

Certificates

Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-31

IEC 60079-0, IEC 60079-1, IEC 60079-31

Enclosure material

Copper-free Aluminium Alloy, powder coated surface

Enclosure colour

Window grey (RAL7040)

Exposed fastener

Rated voltage

Max. 690V AC, Max. 250V DC

Rated current

10A, 16A

Number of pole

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

Degree of protection

IP66

Ambient temperature

-60

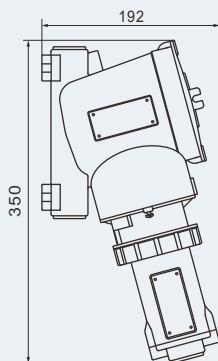
Cable entry of socket

Cable entry of plug

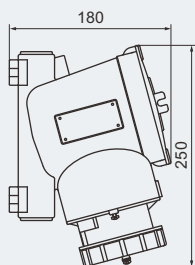
Cable gland (optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/22~31.

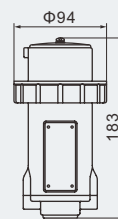
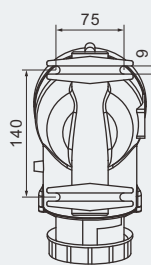
Dimension drawings (all dimensions in mm) - subject to alteration



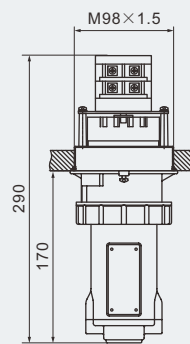
Plug and Sockets



Socket



Plug

Install on the
flameproof enclosure

BCZ85-16/□/□/5P

Technical data

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

Explosion protection

CNEX 19 ATEX 0030X

Certificates

Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-31
IEC 60079-0, IEC 60079-1, IEC 60079-31

Enclosure material

Enclosure colour

Window grey (RAL7040)

Exposed fastener

Rated voltage

Max. 690V AC

Rated current

50A, 60A, 63A

Number of pole

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

Degree of protection

IP66

Ambient temperature

-60

Cable entry of socket

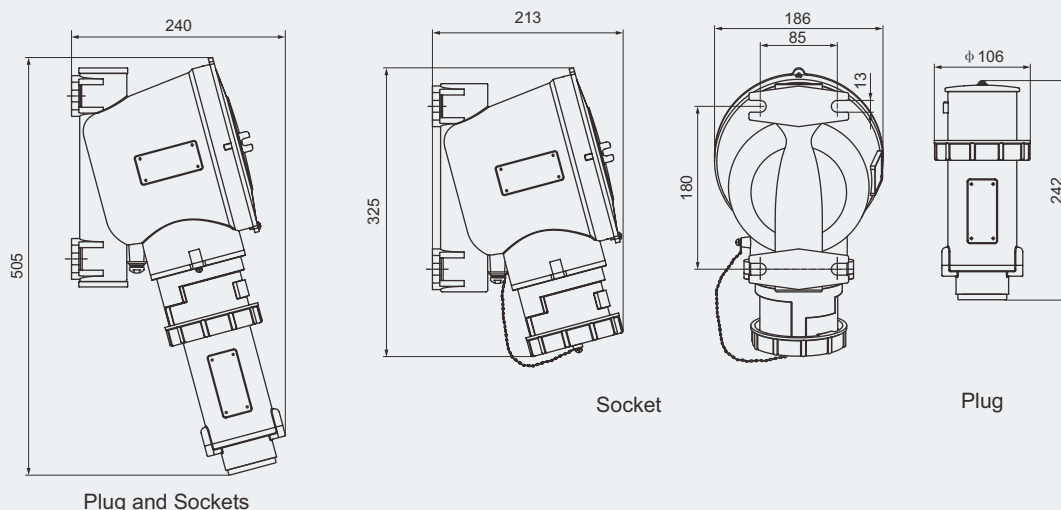
Cable entry of plug

Cable gland (optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/22~31.



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



BCZ85-63/□/□

