

LUMINAIRE SPECIFICATION

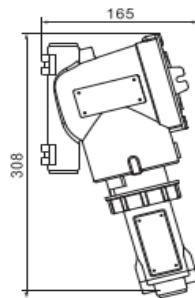
PROJECT :



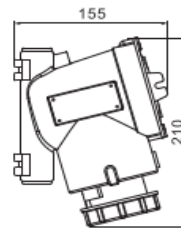
- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 1, Groups A, B, C, D
- ◆ Four enclosure types; Four current ratings (16A, 32A, 63A, 125A); 3P, 4P or 5P.
- ◆ Plug can only be pulled out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

Technical data	
Explosion-proof plug and sockets	BCZ85-16/□/□
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 1044; IECEx CQM 12.0015; KZ.7500525.22.01.00363 (CU-TR)
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, powder coated surface
Enclosure colour	Window grey (RAL7040)
Exposed fastener	Stainless steel
Rated voltage	Max. 690V AC
Rated current	16A
Number of pole	3P (2P+PE), 4P (3P+PE), 5P (3P+N+PE)
Degree of protection	IP66, IP67 (optional)
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.
Cross section of cable	2.5~4 mm ²

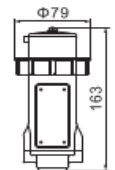
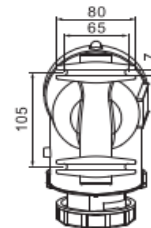
Current (A)	Voltage (V)	Number of pole	Schematic diagram	h	Colour	Ordering code	Weight (kg)
16	200/346~240/415	3P+N+PE		6	Red	30156	3.40



Plug and Sockets



Socket



Plug

Type :	16A, 3P+N+PE plug & socket	Location :	
Model :	LUMENEX BCZ85-16/415/5P	Legend :	Quantity:
Lamp Source:	-	Control Gear :	-
Color Temp :	-	IP Rating :	IP66
Description : LUMENEX BCZ85-16/415/5P, Exd explosion-proof plug and sockets suitable for zone1,2 & zone21,22. 16A, 3P+N+PE, (colour code RED), die-cast aluminium body, IP66.		Dimension:	As shown above
		Country of Origin :	China
Comments:			

Submitted Date:	Revision:	Approved by:	Signature:
		Architect	
		Consultant	