

EEx "d" ELV / LV 16 A power sockets and plugs 24/110/220/380 V flameproof



Socle 0944 06



Fiche 0944 67

16 A plugs and sockets - 50/60 Hz

- Wall mounting aluminium alloy socket. Grey painted
- Flameproof cylindrical spigot joint
- Total disconnection of pole by patented double acting safety device which ensures the following when the plug is removed:
 - Automatic and simultaneous disconnection of each phase in one flameproof chamber
 - Disconnection of pins, with the power off, in a second flameproof chamber
- Cover can be padlocked
(1 padlock, Ø 5 mm, length 45 mm)
- Sockets incorporate safety device, which only accepts specially designed ATX plugs for explosive atmospheres
- Plugs can be used with IEC 60309-2 industrial pin sockets outside explosive atmospheres

16 A surface mounting sockets

- 2 M20 threaded entries (1 at bottom, 1 at top)
- Supplied with 1 x M20 blanking plug
- Connection via 2 x 4 mm² terminals
- Earth terminals: internal and external, by Ø 4 mm screws

20 to 25 V~	Weight (Kg)	Volume (dm ³)	Cat. No.	Pack
2 P + E	1.7	5	0944 03	1
100 to 130 V~				
2 P + E	1.7	5	0944 04	1
200 to 250 V~				
2 P + E	1.7	5	0944 06	1
380 to 415 V~				
3 P + E	1.8	5	0944 15	1
3 P + N + E	1.9	5	0944 16	1

16 A plugs

- 1 cable entry via integrated M25 cable gland, sealing diameter :
 - 9 to 12 mm for 2 P + E
 - 12 to 15 mm for 3 P + E
 - 15 to 17 mm for 3 P + N + E
- Connection via 2.5 mm² max terminal

20 to 25 V~	Weight (Kg)	Volume (dm ³)	Cat. No.	Pack
2 P + E	0.5	4	0944 58	1
100 to 130 V~				
2 P + E	0.5	4	0944 60	1
200 to 250 V~				
2 P + E	0.5	4	0944 63	1
380 - 415 V~				
3 P + E	0.5	4	0944 67	1
3 P + N + E	0.5	4	0944 68	1

Other voltages and pin configurations (please consult us)

Cable glands (see pages 252-263)

Part number in bold : fast moving references

Zone 1 & 2 - 21 & 22		ATEX	IEC	EC	II 2 G/D
EEx d	T6 or T5	T = + 85°C		IP66	IK10

TECHNICAL DATA

Zones : 1 and 2 and 21 - 22

Classification :

- According to CENELEC
 - Conforming to ATEX Directive 94/9 EC and standards EN 50014-18
 - EC 0081 II 2 G for gas EEx d IIC
 - T6 for Ta + 40°C T5 for + 40°C < Ta + 55°C
 - EC 0081 II 2 D - T = + 85°C for dust
- According to IEC
 - Conforming to standards IEC 60079-0/1 Ex d IIC
 - T6 for Ta + 40°C T5 for + 40°C < Ta + 55°C
 - DIPA 21 TA = + 85°C for dust

Certification :

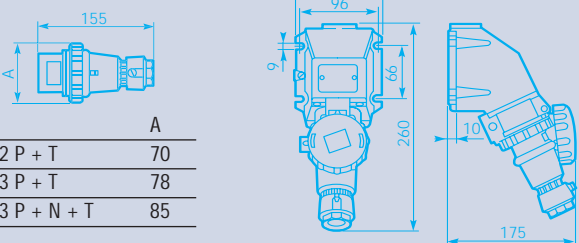
- Approved type PCX16d
- CENELEC LCIE 02 ATEX 6234
- IEC LCIE Ex 02.030
- **CE** declaration of conformity 50243
- Conforming to standards EN and IEC 60309-1 and 60309-2
- Conforming to standards EN 50281-1-1 and IEC 61241-1-1 "combustible dust"

Protection index :

- IP66 according to EN 60529 and IEC 60529
- IK10 impact resistance according to EN 50102

Operating temperature : - 40°C to + 55°C

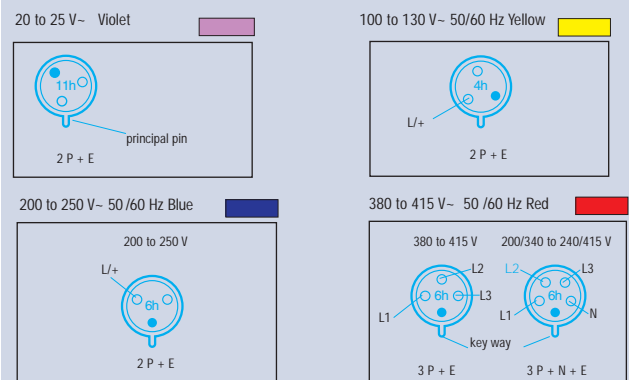
Dimensions (mm) :



Breaking capacity :

AC1 : 16 A - 50 V pour TBT	AC3 : 4 kW - 220 V
: 16 A - 415 V pour BT	4.3 kW - 240 V
	7.5 kW - 380 V
	8.2 kW - 415 V

Pin configurations :



Product features/customer benefits :

- Metal casing : **high mechanical resistance**
- Flap with taper ring : **enhanced ingress protection**
- Built-in switch : **ease of handling**