

X . X . / JB

Intrinsically safe

Box material:

- 0 – die-cast aluminium
- 1 – polyester (GRP)
- 2 – stainless steel sheet

X – junction box designation

Dimension type:

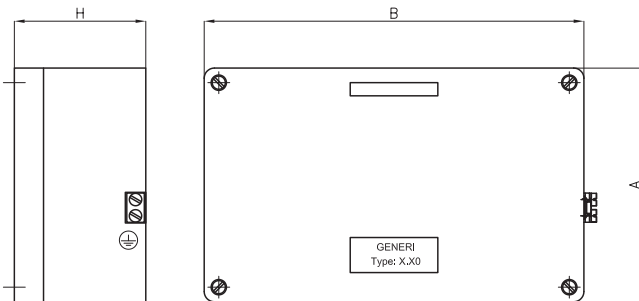
see tables below

Design:

- X: explosion-proof (Ex)
- L: industrial

Type of protection	Type X.X.: ⊕ II 2G Ex eb IIC T6 Gb ⊕ II 2D Ex tb IIIC T85°C Db	Type X.X./JB: ⊕ II 2G Ex ia IIC T6 Gb ⊕ II 2D Ex ia IIIC T85°C Db
Ingress protection	IP65 / IP66	
Ambient temp.	-60 °C to +90 °C (max. range)	
Box material	X.X0 – die-cast aluminium X.X1 – polyester X.X2 – stainless steel	
Connection	spring-cage, screw or stud terminals up to 300 mm ²	
Cable glands	see cable glands section below	
Rated voltage	max. 1000V	Ui=60 V
Rated loading	acc. to particular design	

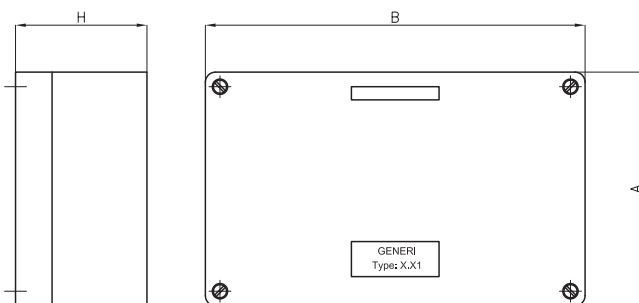
X.X0	
Material	die cast aluminium
Surface finish	powder baking paint
Colour	grey, RAL 7001



Type	A × B × H [mm]
X09X0	64 × 58 × 34
X10X0	64 × 98 × 34
X11X0	64 × 150 × 34
X16X0	80 × 75 × 57
X17X0	80 × 125 × 57
X18X0	80 × 175 × 57
X19X0	80 × 250 × 57
X21X0	120 × 122 × 80
X22X0	120 × 220 × 80
X23X0	120 × 220 × 90
X24X0	122 × 360 × 80
X25X0	160 × 160 × 90
X26X0	160 × 260 × 90
X27X0	160 × 360 × 90
X28X0	160 × 560 × 90
X29X0	230 × 200 × 110
X31X0	230 × 280 × 110
X32X0	230 × 330 × 110
X33X0	230 × 400 × 110

Type	A × B × H [mm]
X35X0	230 × 600 × 110
X42X0	310 × 400 × 110
X43X0	310 × 600 × 110
X46X0	100 × 100 × 80
X47X0	100 × 160 × 80
X48X0	100 × 200 × 80
X49X0	120 × 122 × 90
X50X0	140 × 140 × 90
X51X0	140 × 200 × 90
X52X0	180 × 180 × 100
X53X0	180 × 280 × 100
X54X0	100 × 230 × 110
X55X0	230 × 200 × 180
X56X0	230 × 330 × 180
X57X0	230 × 400 × 224
X58X0	310 × 400 × 180
X59X0	310 × 400 × 226
X60X0	310 × 600 × 180
X70X0	600 × 600 × 200

X.X1	
Material	Glass reinforced polyester (GRP) with graphite added, surface resistance < 10 ⁹ Ω
Colour	black RAL 9011 or RAL 9005
Flammability	difficultly inflammable, self-extinguishing

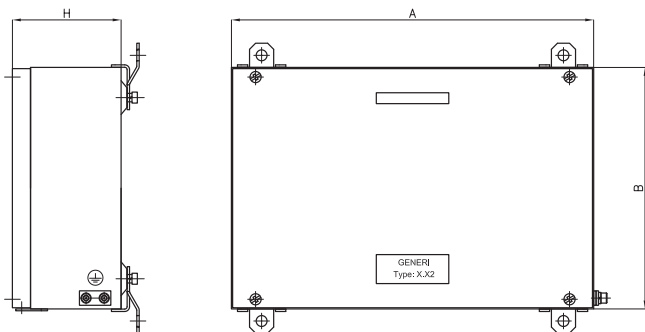


Type	A × B × H [mm]
X12X1	75 × 80 × 55
X13X1	75 × 110 × 55
X14X1	75 × 160 × 55
X15X1	75 × 190 × 55
X015X1	75 × 230 × 55
X20X1	120 × 122 × 90
X23X1	120 × 220 × 90
X25X1	160 × 160 × 90
X26X1	160 × 260 × 90
X27X1	160 × 360 × 90
X28X1	160 × 560 × 90
X37X1	250 × 255 × 120

Type	A × B × H [mm]
X38X1	250 × 255 × 160
X39X1	250 × 400 × 120
X40X1	250 × 400 × 160
X44X1	360 × 360 × 90
X45X1	405 × 400 × 120
X71X1	250 × 600 × 120
X72X1	80 × 75 × 75
X74X1	160 × 75 × 75
X75X1	190 × 75 × 75
X80X1	400 × 405 × 165
X365X1	400 × 600 × 250

Box size depends on required technical scope (number and size of terminals and cable glands, rated voltage and current). According to the data, we will design an optimal solution for you. Contact our technical service department - e-mail: obchod@generi.cz.

X.X2	
Material	Stainless steel plate 17 240 (AISI 304), other quality on request



Mounting brackets are standardly placed at the longer side of the box.
 The box size and orientation depends on required technical scope.
 Detailed technical data on demand – email: obchod@generi.cz.

Type	A × B × H [mm]
X407X2	400 × 300 × 190
X408X2	330 × 200 × 190
X409X2	330 × 300 × 190
X410X2	400 × 560 × 190
X411X2	400 × 800 × 190
X412X2	500 × 300 × 190
X413X2	500 × 400 × 190
X414X2	360 × 200 × 150
X415X2	360 × 300 × 150
X416X2	360 × 200 × 190
X417X2	360 × 300 × 190
X430X2	100 × 100 × 61
X431X2	150 × 100 × 61
X432X2	150 × 150 × 81
X433X2	200 × 100 × 61
X434X2	200 × 200 × 81
X435X2	200 × 200 × 121
X436X2	300 × 150 × 81
X437X2	300 × 200 × 81
X438X2	300 × 200 × 121
X439X2	300 × 300 × 121
X440X2	300 × 300 × 161
X441X2	380 × 380 × 161
X442X2	400 × 150 × 81
X443X2	400 × 200 × 121
X444X2	400 × 300 × 161
X445X2	500 × 300 × 161
X446X2	500 × 400 × 161
X460X2	200 × 250 × 97
X461X2	200 × 250 × 157
X462X2	350 × 250 × 97
X463X2	300 × 300 × 167
X464X2	380 × 380 × 167
X465X2	380 × 380 × 217

Type	A × B × H [mm]
X466X2	500 × 300 × 167
X467X2	600 × 300 × 167
X468X2	600 × 380 × 217
X622X2	400 × 150 × 120
X623X2	400 × 200 × 120
X624X2	400 × 400 × 120
X630X2	500 × 400 × 120
X631X2	600 × 400 × 120
X632X2	800 × 400 × 120
X633X2	900 × 400 × 120
X634X2	1000 × 400 × 120
X650X2	500 × 500 × 150
X652X2	560 × 560 × 150
X677X2	500 × 500 × 190
X679X2	560 × 560 × 190
X680X2	600 × 400 × 190
X682X2	600 × 800 × 190
X720X2	300 × 400 × 250
X722X2	400 × 300 × 250
X723X2	400 × 400 × 250
X725X2	400 × 560 × 250
X726X2	400 × 600 × 250
X727X2	400 × 800 × 250
X728X2	500 × 300 × 250
X729X2	500 × 400 × 250
X730X2	500 × 500 × 250
X732X2	560 × 400 × 250
X733X2	560 × 560 × 250
X734X2	600 × 400 × 250
X736X2	600 × 800 × 250
X737X2	700 × 500 × 250
X738X2	800 × 400 × 250
X740X2	800 × 1000 × 250
X741X2	1000 × 800 × 250

Type	A × B × H [mm]
X05X2	302 × 402 × 188
X06X2	pr.133 × 180
X320X2	150 × 150 × 90
X321X2	200 × 150 × 90
X322X2	200 × 200 × 90
X323X2	300 × 150 × 90
X324X2	300 × 200 × 90
X325X2	300 × 300 × 90
X326X2	300 × 400 × 90
X327X2	400 × 200 × 90
X328X2	400 × 400 × 90
X329X2	560 × 400 × 90
X330X2	300 × 200 × 150
X331X2	300 × 300 × 150
X332X2	300 × 400 × 150

Type	A × B × H [mm]
X333X2	400 × 200 × 150
X334X2	400 × 400 × 150
X335X2	560 × 400 × 150
X340X2	300 × 400 × 190
X341X2	400 × 400 × 190
X342X2	560 × 400 × 190
X343X2	800 × 400 × 190
X344X2	500 × 300 × 150
X345X2	500 × 400 × 150
X346X2	330 × 200 × 150
X347X2	330 × 300 × 150
X349X2	400 × 300 × 90
X357X2	400 × 300 × 150
X397X2	400 × 560 × 90
X398X2	400 × 560 × 150

Spring-cage terminal block MINI	Spring-cage terminal block	Screw terminal block	Stud terminal	Cable gland polyamide	Cable gland brass/nickel
Strain relief cable gland	Strain relief cable gland	Threaded plug polyamide	Threaded plug brass/nickel	Blind plug into the cable gland	Breather-drain plug