



Type of protection (depends on the Ex components used)	II 2GD Ex e tD II T6,T5 T85°C, T100°C IP65
	II 2GD Ex de tD IIC T6,T5 T85°C, T100°C IP65
	II 2GD Ex emb tD II T6,T5 T85°C, T100°C IP65
	II 2GD Ex demb tD IIC T6,T5 T85°C, T100°C IP65
Max. ambient temperature range: -55°C to +80°C	

Materials, designs, dimensions:

Boxes are designated by dimension type noted as a number before SA, number mentioned after SA states the material of the box:

0 – Aluminium alloy

1 – Polyester

2 – Stainless steel

For cable glands please see page 32

TABLE OF THE MOST USED DIMENSION TYPES

Aluminium alloy		Polyester		Stainless steel		Stainless steel	
Type	Dimensions [mm]	Type	Dimensions [mm]	Type	Dimensions [mm]	Type	Dimensions [mm]
X16SA0	80 × 75 × 57	X12SA1	75 × 80 × 55	X05SA2	302 × 402 × 188	X414SA2	360 × 200 × 150
X17SA0	80 × 125 × 57	X13SA1	75 × 110 × 55	X06SA2	Ø 133 × 80	X415SA2	360 × 300 × 150
X18SA0	80 × 175 × 57	X14SA1	75 × 160 × 55	X320SA2	150 × 150 × 90	X416SA2	360 × 200 × 190
X19SA0	80 × 250 × 57	X15SA1	75 × 190 × 55	X321SA2	200 × 150 × 90	X417SA2	360 × 300 × 190
X21SA0	120 × 122 × 80	X20SA1	120 × 122 × 90	X322SA2	200 × 200 × 90	X430SA2	100 × 100 × 61
X22SA0	120 × 220 × 80	X23SA1	120 × 220 × 90	X323SA2	300 × 150 × 90	X431SA2	150 × 100 × 61
X23SA0	120 × 220 × 90	X25SA1	160 × 160 × 90	X324SA2	300 × 200 × 90	X432SA2	150 × 150 × 81
X24SA0	122 × 360 × 80	X26SA1	160 × 260 × 90	X325SA2	300 × 300 × 90	X433SA2	200 × 100 × 61
X25SA0	160 × 160 × 90	X27SA1	160 × 360 × 90	X326SA2	300 × 400 × 90	X434SA2	200 × 200 × 81
X26SA0	160 × 260 × 90	X28SA1	160 × 560 × 90	X327SA2	400 × 200 × 90	X435SA2	200 × 200 × 121
X27SA0	160 × 360 × 90	X37SA1	250 × 255 × 120	X328SA2	400 × 400 × 90	X436SA2	300 × 150 × 81
X28SA0	160 × 560 × 90	X38SA1	250 × 255 × 160	X329SA2	560 × 400 × 90	X437SA2	300 × 200 × 81
X29SA0	230 × 200 × 110	X39SA1	250 × 400 × 120	X330SA2	300 × 200 × 150	X438SA2	300 × 200 × 121
X31SA0	230 × 280 × 110	X40SA1	250 × 400 × 160	X331SA2	300 × 300 × 150	X439SA2	300 × 300 × 121
X32SA0	230 × 330 × 110	X44SA1	360 × 360 × 90	X332SA2	300 × 400 × 150	X440SA2	300 × 300 × 161
X33SA0	230 × 400 × 110	X45SA1	405 × 400 × 120	X333SA2	400 × 200 × 150	X441SA2	380 × 380 × 161
X35SA0	230 × 600 × 110	X71SA1	250 × 600 × 120	X334SA2	400 × 400 × 150	X442SA2	400 × 150 × 81
X42SA0	310 × 400 × 110	X72SA1	80 × 75 × 75	X335SA2	560 × 400 × 150	X443SA2	400 × 200 × 121
X43SA0	310 × 600 × 110	X73SA1	110 × 75 × 75	X340SA2	300 × 400 × 190	X444SA2	400 × 300 × 161
X46SA0	100 × 100 × 80	X74SA1	160 × 75 × 75	X341SA2	400 × 400 × 190	X445SA2	500 × 300 × 161
X47SA0	100 × 160 × 80	X75SA1	190 × 75 × 75	X342SA2	560 × 400 × 190	X446SA2	500 × 400 × 161
X48SA0	100 × 200 × 80	X80SA1	400 × 405 × 165	X343SA2	800 × 400 × 190	X460SA2	200 × 250 × 97
X49SA0	120 × 122 × 90	X365SA1	400 × 600 × 250	X344SA2	500 × 300 × 150	X461SA2	200 × 250 × 157
X50SA0	140 × 140 × 90			X345SA2	500 × 400 × 150	X462SA2	350 × 250 × 97
X51SA0	140 × 200 × 90			X346SA2	330 × 200 × 150	X463SA2	300 × 300 × 167
X52SA0	180 × 180 × 100			X347SA2	330 × 300 × 150	X464SA2	380 × 380 × 167
X53SA0	180 × 280 × 100			X349SA2	400 × 300 × 90	X465SA2	380 × 380 × 217
X54SA0	100 × 230 × 110			X357SA2	400 × 300 × 150	X466SA2	500 × 300 × 167
X55SA0	230 × 200 × 180			X397SA2	400 × 560 × 90	X467SA2	600 × 300 × 167
X56SA0	230 × 330 × 180			X398SA2	400 × 560 × 150	X468SA2	600 × 380 × 217
X57SA0	230 × 400 × 224			X407SA2	400 × 300 × 190		
X58SA0	310 × 400 × 180			X408SA2	330 × 200 × 190		
X59SA0	310 × 400 × 226			X409SA2	330 × 300 × 190		
X60SA0	310 × 600 × 180			X410SA2	400 × 560 × 190		
X70SA0	600 × 600 × 200			X411SA2	400 × 800 × 190		
				X412SA0	500 × 300 × 190		
				X413SA0	500 × 400 × 190		

Dimensions are given by the required layout of the box i.e. amount of terminals, cable glands and current and voltage ratings.

Based on that information we are able to quote the optimal solution for you. Please contact our technical services department at obchod@generi.cz.