

Aluminium enclosures (IP65)



Kind of finishing

A = Sandblasted box and cover

B = Painted box and cover RAL 7035 (Grey)

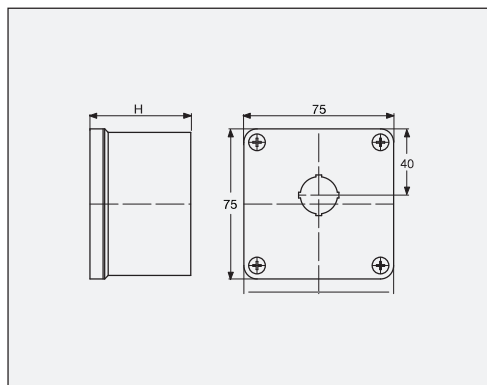
C = Sandblasted box and painted cover RAL 1023 (Yellow)

D = Painted box RAL 7035 (Grey) and painted cover RAL 1023 (Yellow)

General Technical Data

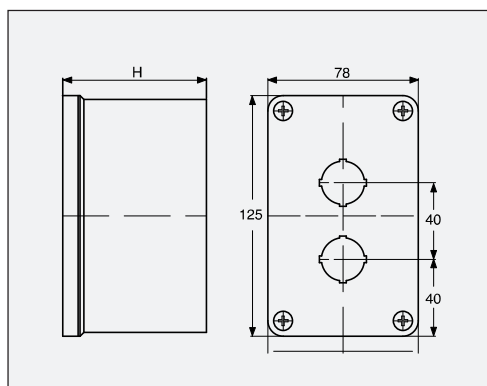
Standards		IEC 60947-5-1 / EN 60947-5-1
Air temperature		
– during operation		– 25 ... + 70 °C
– for storage		–40 ... + 80 °C
Degree of protection (according to IEC 60529 and EN 60529)		IP65
Material		Aluminium alloy AlSi9Cu EN-AB47100 with Cu < 1% (ex UNI 5079)
Specific weight	Kg/dm ³	2,65
Ultimate tensile strenght	Kg/mm ²	23 ÷ 27
Brinell hardness		75 ÷ 95
Heat conductivity at 20 °C	cal/cm sec °C	0,37
Heat resistance	°C	+300
Cold resistance	°C	–100

Dimensions 75x75 mm



Code	Finishing	N. holes	H mm.
SAM 070-A	A	1	54
SAM 070-B	B	1	54
SAM 070-C	C	1	54
SAM 070-D	D	1	54
SAM 170-A	A	0	54
SAM 170-B	B	0	54

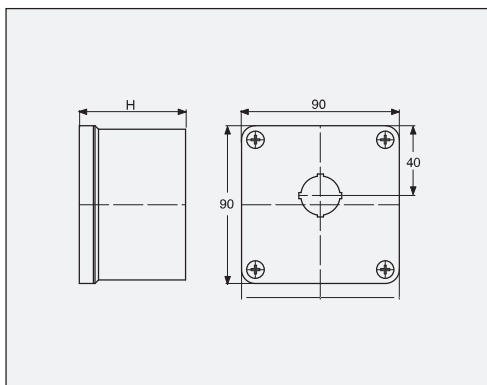
Dimensions 125x78 mm



Code	Finishing	N. holes	H mm.
SAM 104-A	A	2	61
SAM 104-B	B	2	61
SAM 204-A	A	0	61
SAM 204-B	B	0	61
SAM 106-A	A	2	75
SAM 106-B	B	2	75
SAM 206-A	A	0	75
SAM 206-B	B	0	75

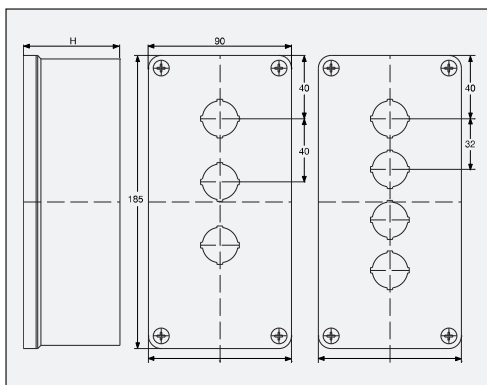
Aluminium enclosures (IP65)

Dimensions 90x90 mm



Code	Finishing	N. holes	H mm.
SAM 100-A	A	1	61
SAM 100-B	B	1	61
SAM 100-C	C	1	61
SAM 100-D	D	1	61
SAM 200-A	A	0	61
SAM 200-B	B	0	61
SAM 101-A	A	1	69
SAM 101-B	B	1	69
SAM 101-C	C	1	69
SAM 101-D	D	1	69
SAM 301-A	A	0	69
SAM 301-B	B	0	69

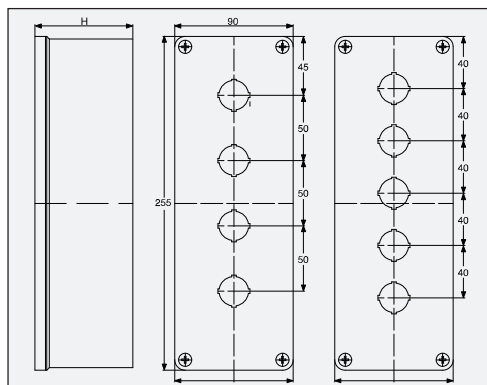
Dimensions 185x90 mm



Code		N. holes	H mm.
SAM 180-A	A	3	61
SAM 180-B	B	3	61
SAM 181-A	A	4	61
SAM 181-B	B	4	61
SAM 280-A	A	0	61
SAM 280-B	B	0	61
SAM 185-A	A	3	75
SAM 185-B	B	3	75
SAM 186-A	A	4	75
SAM 186-B	B	4	75
SAM 285-A	A	0	75
SAM 285-B	B	0	75

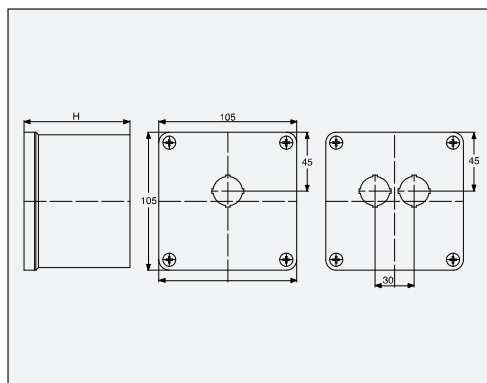
Aluminium enclosures (IP65)

Dimensions 255X90 mm



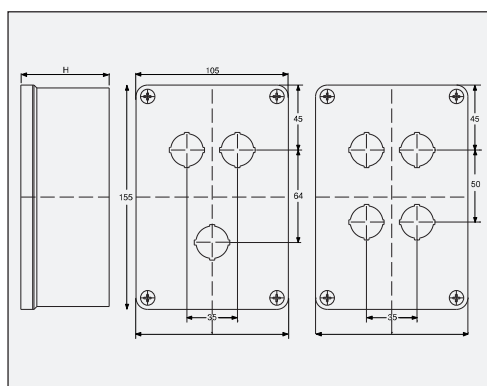
Code	Finishing	N. holes	H mm.
SAM 119-A	A	4	61
SAM 119-B	B	4	61
SAM 130-A	A	5	61
SAM 130-B	B	5	61
SAM 131-A	A	6	61
SAM 131-B	B	6	61
SAM 219-A	A	0	61
SAM 219-B	B	0	61
SAM 109-A	A	4	75
SAM 109-B	B	4	75
SAM 111-A	A	5	75
SAM 111-B	B	5	75
SAM 112-A	A	6	75
SAM 112-B	B	6	75
SAM 209-A	A	0	75
SAM 209-B	B	0	75

Dimensions 105x105 mm



Code	Finishing	N. holes	H mm.
SAM 102-A	A	1	61
SAM 102-B	B	1	61
SAM 102-C	C	1	61
SAM 102-D	D	1	61
SAM 122-A	A	0	61
SAM 122-B	B	0	61
SAM 132-A	A	2	61
SAM 132-B	B	2	61
SAM 103-A	A	1	81
SAM 103-B	B	1	81
SAM 103-C	C	1	81
SAM 103-D	D	1	81
SAM 203-A	A	0	81
SAM 203-B	B	0	81
SAM 105-A	A	2	81
SAM 105-B	B	2	81

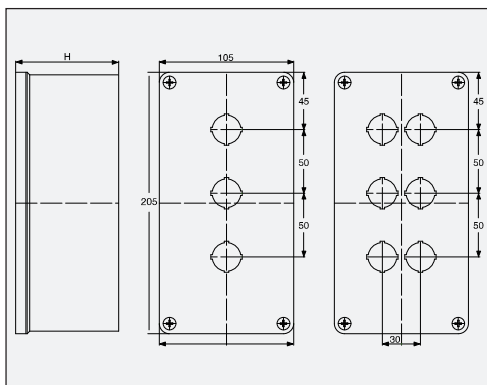
Dimensions 155x105 mm



Code	Finishing	N. holes	H mm.
SAM 117-A	A	3 (2+1)	61
SAM 117-B	B	3 (2+1)	61
SAM 108-A	A	4 (2+2)	61
SAM 108-B	B	4 (2+2)	61
SAM 127-A	A	0	61
SAM 127-B	B	0	61
SAM 137-A	A	3 (2+1)	81
SAM 137-B	B	3 (2+1)	81
SAM 138-A	A	4 (2+2)	81
SAM 138-B	B	4 (2+2)	81
SAM 208-A	A	0	81
SAM 208-B	B	0	81

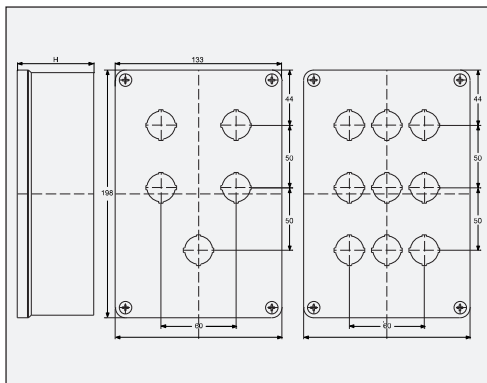
Aluminium enclosures (IP65)

Dimensions 205x105 mm



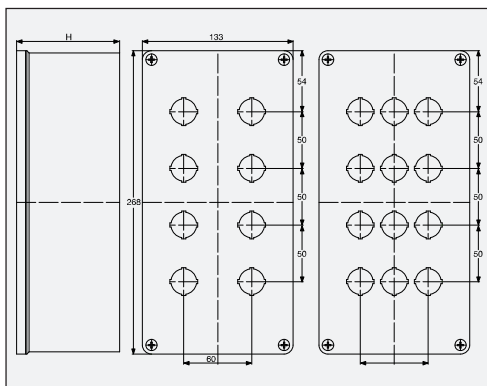
Code	Finishing	N. holes	H mm.
SAM 114-A	A	3	61
SAM 114-B	B	3	61
SAM 210-A	A	5 (2+2+1)	61
SAM 210-B	B	5 (2+2+1)	61
SAM 201-A	A	6 (2+2+2)	61
SAM 201-B	B	6 (2+2+2)	61
SAM 300-A	A	0	61
SAM 300-B	B	0	61
SAM 107-A	A	3	81
SAM 107-B	B	3	81
SAM 093-A	A	5 (2+2+1)	81
SAM 093-B	B	5 (2+2+1)	81
SAM 113-A	A	6 (2+2+2)	81
SAM 113-B	B	6 (2+2+2)	81
SAM 207-A	A	0	81
SAM 207-B	B	0	81

Dimensions 198x133 mm



Code	Finishing	N. holes	H mm.
SAM 190-A	A	5 (2+2+1)	75
SAM 190-B	B	5 (2+2+1)	75
SAM 191-A	A	9 (3+3+3)	75
SAM 191-B	B	9 (3+3+3)	75
SAM 290-A	A	0	75
SAM 290-B	B	0	75
SAM 195-A	A	5 (2+2+1)	91
SAM 195-B	B	5 (2+2+1)	91
SAM 196-A	A	9 (3+3+3)	91
SAM 196-B	B	9 (3+3+3)	91
SAM 295-A	A	0	91
SAM 295-B	B	0	91

Dimensions 268x133 mm

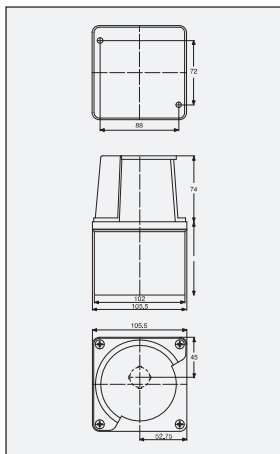


Code	Finishing	N. holes	H mm.
SAM 125-A	A	8 (2+2+2+2)	75
SAM 125-B	B	8 (2+2+2+2)	75
SAM 126-A	A	12 (3+3+3+3)	75
SAM 126-B	B	12 (3+3+3+3)	75
SAM 225-A	A	0	75
SAM 225-B	B	0	75
SAM 115-A	A	8 (2+2+2+2)	91
SAM 115-B	B	8 (2+2+2+2)	91
SAM 116-A	A	12 (3+3+3+3)	91
SAM 116-B	B	12 (3+3+3+3)	91
SAM 215-A	A	0	91
SAM 215-B	B	0	91

Aluminium enclosures (IP65)

Enclosure with pushbutton protection

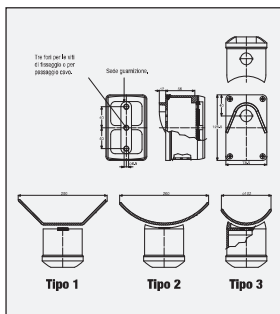
Dimensions 105x105x61 mm



Dimensions	N. holes	Finishing	Code
105x105x61 (74 protez.)	1	A	SAM 139-A
105x105x61 (74 protez.)	1	B	SAM 139-B
105x105x81 (74 protez.)	1	A	SAM 120-A
105x105x81 (74 protez.)	1	B	SAM 120-B

Pole enclosure

Dimensions 125x78x61 mm



Type 1	Type 2	Type 3	N. holes	Finishing
SAM 135-A	SAM 140-A	SAM 150-A	1	A
SAM 135-C	SAM 140-C	SAM 150-C	1	C