

SERIES S ENCLOSURE

SIZE 3.9 X 3.9 X 1.4 TO 9.8 X 6.9 X 5.9 INCH

Series S Enclosure in Brief:

- Available with plain sides or knockouts (Metric or Pg)
- Available in 36 sizes, two base depths (0.98 and 1.97 in) and 5 different cover lengths
- Cover and cover screws equipped with sealing holes
- Slots in the base for printed circuit boards

Contents of the Product Package:

- Enclosure base
- Cover
- Cover screws
- Mounting screws



S3120131304LGU



S3120055994TU

Conformity	
Polycarbonate enclosures:	
Technical information	
UL File no:	E189312
UL category:	NITW, NITW7
Environmental type (UL):	4, 4X, 12, 13, 6
Environmental type (cUL):	4, 4X, 12, 6
Outdoor suitability:	UL 746C (f1) rated material
Operating temperature:	-40 °F... 176 °F (-40 °C... +80 °C)
Short term temperature range:	-40 °F... 248 °F (-40 °C... +120 °C)
Flammability rating:	UL 746C
Degree of protection:	IP66 and IP67
Impact resistance:	IK08 (-13 °F... 95 °F / -25 °C... +35 °C)
Insulation:	Class II
Material	
Base:	Fiberglass reinforced polycarbonate
Cover:	Polycarbonate
Cover screws:	Fiberglass reinforced polyamide
Gasket:	Hydrophobic PUR
Enclosure side types	
Polycarbonate enclosures:	Plain sides, Metric knockouts or Pg knockouts
Standard color	
Base:	Gray RAL 7035
Cover:	Gray RAL 7035 or Transparent

Sealcon Series S Enclosure

Length inch (mm)	Width inch (mm)	Depth inch (mm)	Inner depth inch (mm)	Base depth inch (mm)	Cover depth inch (mm)	Polycarbonate grey cover (product code)	Polycarbonate transparent cover (product code)	Polycarbonate grey cover metric knockouts (product code)	Polycarbonate transparent cover metric knockouts (product code)	Polycarbonate grey cover Pg knockouts (product code)	Polycarbonate transparent cover Pg knockouts (product code)
3.93 (100)	3.93 (100)	1.37 (35)	0.80 (20.5)	0.98 (25)	0.39 (10)	S3120101004LGU	S3120101004LTU				
3.93 (100)	3.93 (100)	2.36 (60)	1.79 (45.5)	1.96 (50)	0.39 (10)	S3120101006GU	S3120101006TU	S3120101006MGU ²	S3120101006MTU ²		
4.92 (125)	2.95 (75)	1.37 (35)	0.80 (20.5)	0.98 (25)	0.39 (10)	S3120081304LGU	S3120081304LTU				
4.92 (125)	2.95 (75)	1.96 (50)	1.39 (35.5)	0.98 (25)	0.98 (25)	S3120081305LGU	S3120081305LTU				
4.92 (125)	2.95 (75)	2.36 (60)	1.79 (45.5)	1.96 (50)	0.39 (10)	S3120081306GU	S3120081306TU	S3120081306MGU ¹	S3120081306MTU ¹	S3120081306PGU ⁷	S3120081306PTU ⁷
4.92 (125)	2.95 (75)	2.95 (75)	2.38 (60.5)	0.98 (25)	1.96 (50)	S3120081308LGU	S3120081308LTU				
4.92 (125)	2.95 (75)	2.95 (75)	2.38 (60.5)	1.96 (50)	0.98 (25)	S3120055031GU	S3120055024TU	S3120066358MGU ¹	S3120066525MTU ¹	S3120055000PGU ⁷	S3120055017PTU ⁷
4.92 (125)	2.95 (75)	3.93 (100)	3.36 (85.5)	0.98 (25)	2.95 (75)	S3120081310LGU	S3120081310LTU				
4.92 (125)	2.95 (75)	3.93 (100)	3.36 (85.5)	1.96 (50)	1.96 (50)	S3120055086GU	S3120055093TU	S3120066365MGU ⁴	S3120066532MTU ⁴	S3120055062PGU ⁷	S3120055079PTU ⁷
4.92 (125)	2.95 (75)	4.92 (125)	4.35 (110.5)	1.96 (50)	2.95 (75)	S3120055147GU	S3120055154TU	S3120066372MGU ¹	S3120066549MTU ¹	S3120055123PGU ⁷	S3120055130PTU ⁷
4.92 (125)	4.92 (125)	1.37 (35)	0.80 (20.5)	0.98 (25)	0.39 (10)	S3120131304LGU	S3120131304LTU				
4.92 (125)	4.92 (125)	1.96 (50)	1.39 (35.5)	0.98 (25)	0.98 (25)	S3120131305LGU	S3120131305LTU				
4.92 (125)	4.92 (125)	2.36 (60)	1.79 (45.5)	1.96 (50)	0.39 (10)	S3120131306GU	S3120131306TU	S3120131306MGU ³	S3120131306MTU ³	S3120131306PGU ⁸	S3120131306PTU ⁸
4.92 (125)	4.92 (125)	2.95 (75)	2.38 (60.5)	0.98 (25)	1.96 (50)	S3120131308LGU	S3120131308LTU				
4.92 (125)	4.92 (125)	2.95 (75)	2.38 (60.5)	1.96 (50)	0.98 (25)	S3120055208GU	S3120055215TU	S3120066389MGU ³	S3120066556MTU ³	S3120055185PGU ⁸	S3120055192PTU ⁸

(continued on following page)

Length inch (mm)	Width inch (mm)	Depth inch (mm)	Inner depth inch (mm)	Base depth inch (mm)	Cover depth inch (mm)	Polycarbonate grey cover (product code)	Polycarbonate transparent cover (product code)	Polycarbonate grey cover metric knockouts (product code)	Polycarbonate transparent cover metric knockouts (product code)	Polycarbonate grey cover Pg knockouts (product code)	Polycarbonate transparent cover Pg knockouts (product code)
4.92 (125)	4.92 (125)	3.93 (100)	3.36 (85.5)	0.98 (25)	2.95 (75)	S3120131310LGU	S3120131310LTU				
4.92 (125)	4.92 (125)	3.93 (100)	3.36 (85.5)	1.96 (50)	1.96 (50)	S3120055260GU	S3120055277TU	S3120066396MGU ³	S3120066563MTU ³	S3120055246PGU ⁵	S3120055253PTU ⁵
4.92 (125)	4.92 (125)	4.92 (125)	4.35 (110.5)	1.96 (50)	2.95 (75)	S3120055321GU	S3120055338TU	S3120066402MGU ³	S3120066570MTU ³	S3120055307PGU ⁵	S3120055314PTU ⁵
6.88 (175)	4.92 (125)	1.37 (35)	0.80 (20.5)	0.98 (25)	0.39 (10)	S3120131804LGU	S3120131804LTU				
6.88 (175)	4.92 (125)	1.96 (50)	1.39 (35.5)	0.98 (25)	2.95 (75)	S3120131805LGU	S3120131805LTU				
6.88 (175)	4.92 (125)	2.36 (60)	1.79 (45.5)	1.96 (50)	0.39 (10)	S3120131806GU	S3120131806TU	S3120131806MGU ⁴	S3120131806MTU ⁴	S3120131806PGU ⁹	S3120131806PTU ⁹
6.88 (175)	4.92 (125)	2.95 (75)	2.38 (60.5)	0.98 (25)	1.96 (50)	S3120131808LGU	S3120131808LTU				
6.88 (175)	4.92 (125)	2.95 (75)	2.38 (60.5)	1.96 (50)	0.98 (25)	S3120055383GU	S3120055390TU	S3120066419MGU ⁴	S3120066587MTU ⁴	S3120055369PGU ⁹	S3120055376PTU ⁹
6.88 (175)	4.92 (125)	3.93 (100)	3.36 (85.5)	1.96 (50)	1.96 (50)	S3120055444GU	S3120055451TU	S3120066426MGU ⁴	S3120066594MTU ⁴	S3120055420PGU ⁹	S3120055437PTU ⁹
6.88 (175)	4.92 (125)	4.92 (125)	4.35 (110.5)	0.98 (25)	3.93 (100)	S3120131813LGU	S3120131813LTU				
6.88 (175)	4.92 (125)	4.92 (125)	4.35 (110.5)	1.96 (50)	2.95 (75)	S3120055505GU	S3120055512TU	S3120066433MGU ⁴	S3120066600MTU ⁴	S3120055482PGU ⁹	S3120055499PTU ⁹
6.88 (175)	4.92 (125)	5.90 (150)	5.33 (135.5)	1.96 (50)	3.93 (100)	S3120055567GU	S3120055574TU	S3120066440MGU ⁴	S3120066617MTU ⁴	S3120055543PGU ⁹	S3120055550PTU ⁹
6.88 (175)	6.88 (175)	2.95 (75)	2.38 (60.5)	1.96 (50)	0.98 (25)	S3120055628GU	S3120055635TU	S3120066457MGU ⁵	S3120066624MTU ⁵	S3120055604PGU ¹⁰	S3120055611PTU ¹⁰
6.88 (175)	6.88 (175)	3.93 (100)	3.36 (85.5)	1.96 (50)	1.96 (50)	S3120055680GU	S3120055697TU	S3120066464MGU ⁵	S3120066631MTU ⁵	S3120055666PGU ¹⁰	S3120055673PTU ¹⁰
6.88 (175)	6.88 (175)	4.92 (125)	4.35 (110.5)	1.96 (50)	2.95 (75)	S3120055741GU	S3120055758TU	S3120066471MGU ⁵	S3120066648MTU ⁵	S3120055727PGU ¹⁰	S3120055734PTU ¹⁰
6.88 (175)	6.88 (175)	4.92 (125)	5.33 (135.5)	1.96 (50)	3.93 (100)	S3120055802GU	S3120055819TU	S3120066488MGU ⁵	S3120066655MTU ⁵	S3120055789PGU ¹⁰	S3120055796PTU ¹⁰
9.84 (250)	4.92 (125)	4.92 (125)	4.35 (110.5)	1.96 (50)	2.95 (75)	S3120132513GU	S3120132513TU	S3120132513MGU ¹²	S3120122513MTU ¹²		
9.84 (250)	6.88 (175)	2.95 (75)	2.38 (60.5)	1.96 (50)	0.98 (25)	S3120055864GU	S3120055871TU	S3120066495MGU ⁶	S3120066662MTU ⁶	S3120055840PGU ¹¹	S3120055857PTU ¹¹
9.84 (250)	6.88 (175)	3.93 (100)	3.36 (85.5)	1.96 (50)	1.96 (50)	S3120055925GU	S3120055932TU	S3120066501MGU ⁶	S3120066679MTU ⁶	S3120055901PGU ¹¹	S3120055918PTU ¹¹
9.84 (250)	6.88 (175)	5.90 (150)	5.33 (135.5)	1.96 (50)	3.93 (100)	S3120055987GU	S3120055994TU	S3120066518MGU ⁶	S3120066686MTU ⁶	S3120055963PGU ¹¹	S3120055970PTU ¹¹

- ¹⁾ 2 x M16/25 + 6 x M12/20 knockouts
- ²⁾ 2 x M16/25 + 4 x M12/20 knockouts
- ³⁾ 4 x M16/25 + 6 x M12/20 knockouts
- ⁴⁾ 4 x M16/25 + 8 x M12/20 knockouts
- ¹²⁾ 4 x M20/25 knockouts
- ⁵⁾ 4 x M12/20 + 4 x M16/25 + 10 x M12/20 knockouts
- ⁶⁾ 4 x M12/20 + 4 x M16/25 + 12 x M12/20 knockouts
- ⁷⁾ 2 x Pg9/13.5 + 6 x Pg9/13.5 knockouts
- ⁸⁾ 4 x Pg16/21 + 6 x Pg9/13.5 knockouts
- ⁹⁾ 4 x Pg16/21 + 8 x Pg9/13.5 knockouts
- ¹⁰⁾ 4 x Pg16/21 + 4 x Pg9/16 + 10 x Pg9/13.5 knockouts
- ¹¹⁾ 4 x Pg16/21 + 4 x Pg9/16 + 12 x Pg9/13.5 knockouts

Accessories

Product Code	Description	Dimensions (inch)	Dimensions (mm)	Package size (pcs)
Mounting plates, galvanized steel				
S320SMP0813	For 4.92 x 2.95 inch enclosures	3.86 x 1.89 x 0.06	98 x 48 x 1.5	10
S320SMP1010	For 3.94 x 3.94 inch enclosures	3.07 x 3.07 x 0.06	78 x 78 x 1.5	10
S320SMP1313	For 4.92 x 4.92 inch enclosures	3.86 x 3.86 x 0.06	98 x 98 x 1.5	10
S320SMP1318	For 6.89 x 4.92 inch enclosures	5.83 x 3.86 x 0.06	148 x 98 x 1.5	10
S320SMP1325	For 9.84 x 4.92 inch enclosures	8.78 x 3.86 x 0.06	223 x 98 x 1.5	10
S320SMP1818	For 6.89 x 6.89 inch enclosures	5.83 x 5.83 x 0.06	148 x 148 x 1.5	10
S320SMP1825	For 9.84 x 6.89 inch enclosures	8.78 x 5.83 x 0.06	223 x 148 x 1.5	10
DIN rails, DIN 46277/3, galvanized steel				
SDIN350404	For 2.95 inch sides	1.97 x 1.38	50 x 35	10
SDIN350704	For 3.94 inch sides	3.15 x 1.38	80 x 35	10
SDIN350904	For 4.92 inch sides	3.94 x 1.38	100 x 35	10
SDIN351404	For 6.89 inch sides	5.91 x 1.38	150 x 35	10
SDIN352154	For 9.84 inch sides	8.86 x 1.38	225 x 35	10
Other Accessories				
S322828	Hinge pair, polycarbonate	1.10 x 1.10	28 x 28	1
S320SFL1	Mounting feet, set of 4 pcs, polycarbonate	1.18 x 0.59	30 x 15	1
S320SBA104	Insert, set of 4 pcs	M2	M2	1
S320SMS1	Mounting screw for plates and rails, steel	0.31 x 0.16	8 x 4	100
S320SLS35	Cover screw, medium	1.38 x 0.43	35 x 11	100
S320SLS60	Cover screw, long, for 1.97 inch covers	2.36 x 0.43	60 x 11	50
S320SLS2304	Screw set, Includes 4 short cover screws for 0.39 inch cover and 4 mounting screws SMS1	0.91 x 0.43	23 x 11	1
S320SLSA3504	Screw set, Includes 4 medium cover screws SLS35 and 4 mounting screws SMS1	1.38 x 0.43	35 x 11	1
S320SLSA6004	Screw set, Includes 4 long cover screws for 1.97 inch cover SLS60 and 4 mounting screws SMS1	2.36 x 0.43	60 x 11	1
S320SLW1	Cover screw's wing head part, only for 0.98 and 1.97 inch covers	0.67 x 0.43	17 x 11	10
S3213120050	Breather, IP68, polyamide, grey, 120 l/h	0.75 x 0.67	19 x 17	1



S320SLS35



S320SFL1