

DSE Inc.



Industrial Enclosures

- Non-metallic - hinged
- Utility boxes

ELECTRICAL COMPONENTS



Enclosures for Control, Automation & Electronic Components

ITC is your source for non-metallic and aluminum enclosures designed for most modern applications in the electrical, electronics, control and automation industries.

We offer an extensive choice of models and sizes to suit the needs of most projects and applications:

- DIN rail mounted utility boxes 2
- EN/NE ABS/polycarbonate hinged enclosures 3
- EN/NE polyester hinged enclosures 3
- Control BOX hinged enclosures..... 8

The following table will assist in the choice of the enclosure most appropriate for your application:

Enclosures	Min. size (mm)	Max. size (mm)	cULus	Operating Temp. (C)	IP Rating	Out-door	IK Rating	Page
DIN-rail utility box	45x55x75	–	N	–	NA	N	–	2
EN/NE ABS /polycarbonate hinged	100x130x70	600x800x280	Y	-40 to 90	IP67	N	IK08	3
EN/NE polyester hinged	100x130x70	600x800x280	Y	-40 to 75	IP67	Y	IK08	3
Control BOX hinged	200x300x180	600x800x280	Y	-40 to 75	IP67	Y *	IK08	8

Information subject to change without notice

DIN Rail Mounted Utility Boxes

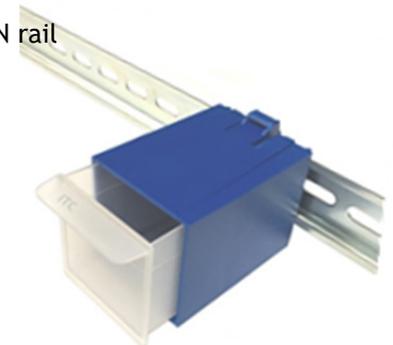
DIN Rail Mounted Utility Boxes are the smart way to store screws and fuses close to where you will need them. They are convenient DIN rail mounted enclosures, designed for handy storage of small parts inside a panel or electric cabinet. It can be used to store, in proximity to the equipment for which the parts are intended, spare parts and accessories such as miniature lamp bulbs, fuses, keys, adhesive labels, screws and washers, crimp terminal, ferrules and batteries....

- **Easy installation:** equipped with a snap foot for 35mm DIN rail, they can be easily installed or removed with the aid of a small screwdriver
- **Compact:** small enough to be mounted alongside most components on DIN Rail (terminal blocks, PLCs, fuse holders) without impeding access or operation, yet capable of storing a surprising amount
- **Materials:** Polystyrene (blue/white or green/white); flame-retardant
- **Versatility:** the ITC utility box can be used on both horizontal and vertical DIN rail

DIN Rail Utility Boxes (Order by Part No.)

Part No.	Description	Dimensions	Std. Package
111.200	ITC Utility Box (blue/white)	54x54x77mm ~ 2.1x2.1x3"	10

Information subject to change without notice



NE & EN Hinged Enclosures

Enclosures for electrical panels, equipped with hinged covers (solid or transparent), dimensions from 100x130x70mm (~3.9x5.1x2.7") to 600x800x280mm (~23.6x31.5x11").

They include models for indoor and for outdoor use:

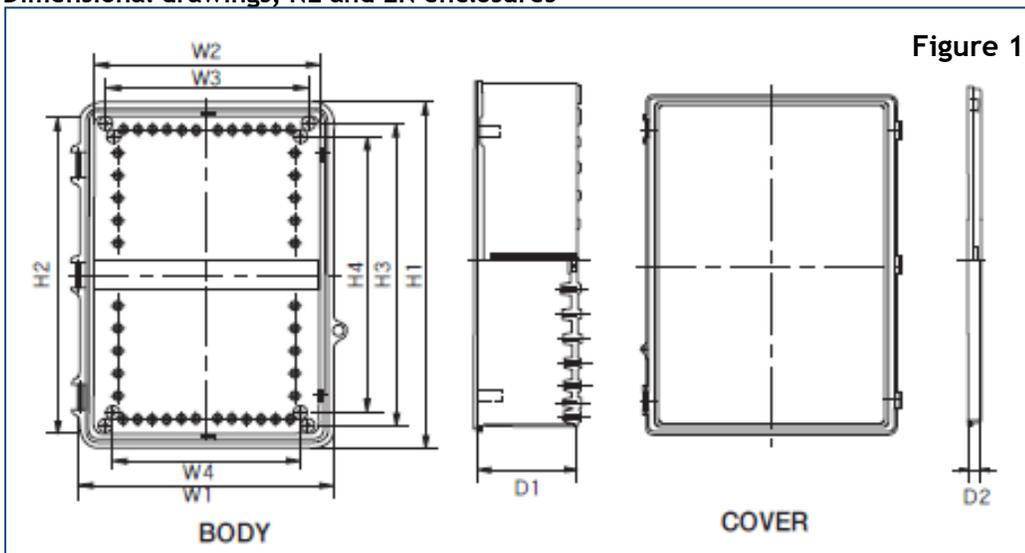
- For **indoor use**, made of halogen-free ABS 30%/polycarbonate 70%, NE-PG and EN-PG (solid grey cover) or NE-PT and EN-PT (transparent cover)
- For **outdoor use**, made of halogen-free reinforced polyester, NE-PCG and EN-PCG (solid grey cover) or NE-PCT and EN-PCT (transparent polycarbonate cover)

Features and specifications:

- Over 40 sizes available, more than 160 variations
- Easy to use, corrosion-proof plastic or metal hinges and clamps
- **Accessories available:** Steel back-plates (NE and EN), Plastic back-plates (NE and EN - most sizes), swing frame internal panel (NE), multipurpose internal frame (NE), padlock brackets, key lock, mounting brackets
- EN enclosures are supplied with a plastic back-plate (most sizes)
- **Operating temperature:** -40 to +85 °C (PG/PT models); -40 to +75 °C (PCG/PCT models)
- **IP Rating:** IP 67
- **NEMA rating:** 4X
- **Impact resistance:** IK08
- **Material PG & PT:** ABS and polycarbonate blend (UL94-5VA)
- **Material PCG & PCT:** reinforced polyester, suitable for outdoor use (UL 94 5VA)
- **Approvals:** cULus; TUV Rheinland; CE Mark



Dimensional drawings, NE and EN enclosures



Indoor

Enclosures for Indoor use; NE-PG, NE-PT and EN-PG, EN-PT

Manufactured with blend of ABS and Polycarbonate, corrosion-proof and flame-resistant (UL94-5VA).

NE and EN - ABS and Polycarbonate blend Enclosures for INDOOR use (Order by Part No.)

Dimensions (mm) ◇			Part No. (solid grey cover)	Part No. (transparent cover)	Part No. Steel Mounting Back-Plate	Part No. Plastic Mounting Back-Plate	Dimensions (in) ◇		
H	W	D					H	W	D
130	99.5	70.5	EN-PG-1013 *	EN-PT-1013 *	DS-1013	DS-1013 P/L	5.12	3.92	2.78
150	99.5	70.5	EN-PG-1015 *	EN-PT-1015 *	DS-1015	DS-1015 P/L	5.91	3.92	2.78
200.5	99.5	70.5	EN-PG-1020 *	EN-PT-1020 *	DS-1020	DS-1020 P/L	7.89	3.92	2.78
270	99.5	70.5	EN-PG-1027 *	EN-PT-1027 *	DS-1027	DS-1027 P/L	10.63	3.92	2.78
150	150	90	EN-PG-1515 *	EN-PT-1515 *	DS-1515	DS-1515 P/L	5.91	5.91	3.54
211.5	161.5	100	EN-PG-1520 *	EN-PT-1520 *	DS-1520	DS-1520 P/L	8.33	6.36	3.94
222.7	172.7	110	NE-PG-1722	NE-PT-1722	DS-1722	DS-1722 P/L	8.77	6.80	4.33
222.7	172.7	130	NE-PG-1722-B	NE-PT-1722-B	DS-1722	DS-1722 P/L	8.77	6.80	5.12
274	172	110	NE-PG-1727	NE-PT-1727	DS-1727	DS-1727 P/L	10.79	6.77	4.33
270	170	130	NE-PG-1727-B	NE-PT-1727-B	DS-1727	DS-1727 P/L	10.63	6.69	5.12
196	196	145	EN-PG-1818 *	EN-PT-1818 *	n.a.	DS-1818-P/L	7.72	7.72	5.71
287	190	140	NE-PG-1929	NE-PT-1929	DS-1929	DS-1929 P/L	11.30	7.48	5.51
287	190	100	NE-PG-1929-S	NE-PT-1929-S	DS-1929	DS-1929 P/L	11.30	7.48	3.94
304.5	203	162	EN-PG-2030 *	EN-PT-2030 *	DS-2030	DS-2030 P/L	11.99	7.99	6.38
304.5	203	203	EN-PG-2030-B *	EN-PT-2030-B *	DS-2030	DS-2030 P/L	11.99	7.99	7.99
304.5	203	132	EN-PG-2030-S *	EN-PT-2030-S *	DS-2030	DS-2030 P/L	11.99	7.99	5.20
275	225	120	EN-PG-2227 *	EN-PT-2227 *	DS-2227	DS-2227 P/L	10.82	8.86	4.72
325	275	180	NE-PG-2530	NE-PT-2530	DS-2530	DS-2530 P/L	12.80	10.83	7.09
356	250	150	EN-PG-2535 *	EN-PT-2535 *	DS-2535	DS-2535 P/L	14.02	9.84	5.91
356	250	180	EN-PG-2535-B *	EN-PT-2535-B *	DS-2535	DS-2535 P/L	14.02	9.84	7.08
356	250	150	—	NE-PT-2535 ^	DS-2535	DS-2535 P/L	14.02	9.84	5.91
190	287	140	NE-PG-2919	NE-PT-2919	DS-2919	DS-2919 P/L	7.48	11.30	5.51
190	287	100	NE-PG-2919-S	NE-PT-2919-S	DS-2919	DS-2919 P/L	7.48	11.30	3.94
397	297	160	NE-PG-2939	NE-PT-2939	DS-2939	DS-2939 P/L	15.63	11.69	6.30
397	297	140	NE-PG-2939-M	NE-PT-2939-M	DS-2939	DS-2939 P/L	15.63	11.69	5.51
397	297	100	NE-PG-2939-S	NE-PT-2939-S	DS-2939	DS-2939 P/L	15.63	11.69	3.94
330	330	179	NE-PG-3030	NE-PT-3030	DS-3030	DS-3030 P/L	12.99	12.99	7.05
330	330	134	NE-PG-3030-S	NE-PT-3030-S	DS-3030	DS-3030 P/L	12.99	12.99	5.28
410	304.5	162.5	EN-PG-3040 *	EN-PT-3040 *	DS-3040	DS-3040 P/L	16.14	11.99	6.40
410	304.5	181	EN-PG-3040-B *	EN-PT-3040-B *	DS-3040	DS-3040 P/L	16.14	11.99	7.13
450	350	200	EN-PG-3545 *	EN-PT-3545 *	DS-3545	DS-3545 P/L	15.74	13.78	7.87
450	350	160	EN-PG-3545-S *	EN-PT-3545-S *	DS-3545	DS-3545 P/L	17.71	13.78	6.29
500	400	160	EN-PG-4050 *	EN-PT-4050 *	DS-4050	DS-4050 P/L	19.69	15.74	6.29
500	400	200	EN-PG-4050-B *	EN-PT-4050-B *	DS-4050	DS-4050 P/L	19.69	15.74	7.87
532	433	200	EN-PG-4353	EN-PT-4353	DS-4353	DS-4353 P/L	20.94	17.05	7.87
532	433	160	EN-PG-4353-S	EN-PT-4353-S	DS-4353	DS-4353 P/L	20.94	17.05	6.30
634	534	182	EN-PG-5060-S	EN-PT-5060-S	DS-5060	—	24.96	21.02	7.17
634	534	252	EN-PG-5060	EN-PT-5060	DS-5060	—	24.96	21.02	9.92
734	534	180	EN-PG-5070-S	EN-PT-5070-S	DS-5070	—	28.90	21.02	7.09
734	534	250	EN-PG-5070	EN-PT-5070	DS-5070	—	28.90	21.02	9.84
810	607	282	EN-PG-6080	n.a.	DS-6080	—	31.89	23.90	11.02

Information subject to change without notice
* Plastic mounting backplate included

◇ External dimensions - Hinge is located along the "H" dimension
^ End of stock

Outdoor

Enclosures for Outdoor use; NE-PCG, NE-PCT and EN-PCG, EN-PCT

Manufactured with blend of Reinforced Polyester, corrosion-proof and flame-resistant (UL94-5VA).

NE and EN - Reinforced Polyester Enclosures for OUTDOOR use (Order by Part No.)

Dimensions (mm) ◇			Part No. (solid grey cover)	Part No. (transparent cover)	Part No. Steel Mounting Back-Plate	Part No. Plastic Mounting Back-Plate	Dimensions (in) ◇		
H	W	D					H	W	D
130	99.5	70.5	EN-PCG-1013 *	EN-PCT-1013 *	DS-1013	DS-1013 P/L	5.12	3.92	2.78
150	99.5	70.5	EN-PCG-1015 *	EN-PCT-1015 *	DS-1015	DS-1015 P/L	5.91	3.92	2.78
200.5	99.5	70.5	EN-PCG-1020 *	EN-PCT-1020 *	DS-1020	DS-1020 P/L	7.89	3.92	2.78
270	99.5	70.5	EN-PCG-1027 *	EN-PCT-1027 *	DS-1027	DS-1027 P/L	10.63	3.92	2.76
150	150	90	EN-PCG-1515 *	EN-PCT-1515 *	DS-1515	DS-1515 P/L	5.91	5.91	3.54
211.5	161.5	100	EN-PCG-1520 *	EN-PCT-1520 *	DS-1520	DS-1520 P/L	8.33	6.36	3.94
222.7	172.7	110	NE-PCG-1722	NE-PCT-1722	DS-1722	DS-1722 P/L	8.77	6.80	4.33
222.7	172.7	130	NE-PCG-1722-B	NE-PCT-1722-B	DS-1722	DS-1722 P/L	8.77	6.80	5.12
274	172	110	NE-PCG-1727	NE-PCT-1727	DS-1727	DS-1727 P/L	10.79	6.77	4.33
270	170	130	NE-PCG-1727-B	NE-PCT-1727-B	DS-1727	DS-1727 P/L	10.63	6.69	5.12
196	196	145	EN-PCG-1818 *	EN-PCT-1818 *	n.a.	DS-1818-P/L	7.72	7.72	5.71
287	190	140	NE-PCG-1929	NE-PCT-1929	DS-1929	DS-1929 P/L	11.30	7.48	5.51
287	190	100	NE-PCG-1929-S	NE-PCT-1929-S	DS-1929	DS-1929 P/L	11.30	7.48	3.94
304.5	203	162	EN-PCG-2030 *	EN-PCT-2030 *	DS-2030	DS-2030 P/L	11.99	7.99	6.38
304.5	203	203	EN-PCG-2030-B *	EN-PCT-2030-B *	DS-2030	DS-2030 P/L	11.99	7.99	7.99
304.5	203	132	EN-PCG-2030-S *	EN-PCT-2030-S *	DS-2030	DS-2030 P/L	11.99	7.99	5.20
275	225	120	EN-PCG-2227 *	EN-PCT-2227 *	DS-2227	DS-2227 P/L	10.82	8.86	4.72
325	275	180	NE-PCG-2530	NE-PCT-2530	DS-2530	DS-2530 P/L	12.80	10.83	7.09
356	250	150	EN-PCG-2535 *	EN-PCT-2535	DS-2535	DS-2535 P/L	14.02	9.84	5.91
356	250	180	EN-PCG-2535-B *	EN-PCT-2535-B *	DS-2535	DS-2535 P/L	14.02	9.84	7.08
190	287	140	NE-PCG-2919	NE-PCT-2919	DS-2919	DS-2919 P/L	7.48	11.30	5.51
190	287	100	NE-PCG-2919-S	NE-PCT-2919-S	DS-2919	DS-2919 P/L	7.48	11.30	3.94
397	297	160	NE-PCG-2939	NE-PCT-2939	DS-2939	DS-2939 P/L	15.63	11.69	6.30
397	297	140	NE-PCG-2939-M	NE-PCT-2939-M	DS-2939	DS-2939 P/L	15.63	11.69	5.51
397	297	100	NE-PCG-2939-S	NE-PCT-2939-S	DS-2939	DS-2939 P/L	15.63	11.69	3.94
330	330	179	NE-PCG-3030	NE-PCT-3030	DS-3030	DS-3030 P/L	12.99	12.99	7.05
330	330	134	NE-PCG-3030-S	NE-PCT-3030-S	DS-3030	DS-3030 P/L	12.99	12.99	5.28
410	304.5	162.50	EN-PCG-3040 *	EN-PCT-3040 *	DS-3040	DS-3040 P/L	16.14	11.99	6.40
410	304.5	181	EN-PCG-3040-B *	EN-PCT-3040-B *	DS-3040	DS-3040 P/L	16.14	11.99	7.13
450	350	200	EN-PCG-3545 *	EN-PCT-3545 *	DS-3545	DS-3545 P/L	15.74	13.78	7.87
450	350	160	EN-PCG-3545-S *	EN-PCT-3545-S *	DS-3545	DS-3545 P/L	17.71	13.78	6.29
500	400	160	EN-PCG-4050 *	EN-PCT-4050 *	DS-4050	DS-4050 P/L	19.69	15.74	6.29
500	400	200	EN-PCG-4050-B *	EN-PCT-4050-B *	DS-4050	DS-4050 P/L	19.69	15.74	7.87
532	433	200	EN-PCG-4353	EN-PCT-4353	DS-4353	DS-4353 P/L	20.94	17.05	7.87
532	433	160	EN-PCG-4353-S	EN-PCT-4353-S	DS-4353	DS-4353 P/L	20.94	17.05	6.30
634	534	182	EN-PCG-5060-S	EN-PCT-5060-S	DS-5060	—	24.96	21.02	7.17
634	534	252	EN-PCG-5060	EN-PCT-5060	DS-5060	—	24.96	21.02	9.92
734	534	180	EN-PCG-5070-S	EN-PCT-5070-S	DS-5070	—	28.90	21.02	7.09
734	534	250	EN-PCG-5070	EN-PCT-5070	DS-5070	—	28.90	21.02	9.84
810	607	282	EN-PCG-6080	n.a.	DS-6080	—	31.89	23.90	11.02

Information subject to change without notice

◇ External dimensions - Hinge is located along the "H" dimension

* Plastic mounting backplate included

NE and EN Mounting Back-Plates (Order by Part No.)

Part No.	Description	Dimensions (mm)	Material
DS-1013	Steel Mounting plate for 130X100mm NE, EN enclosures	96.5x68x1.6	Galvanized steel
DS-1013 P/L	Plastic Mounting Plate for 130X100mm NE, EN enclosures	96.5x68x3.5	ABS, grey
DS-1015	Steel Mounting plate for 150X100mm NE, EN enclosures	116x68x1.6	Galvanized steel
DS-1015 P/L	Plastic Mounting Plate for 150X100mm NE, EN enclosures	116x68x3.5	ABS, grey
DS-1020	Steel Mounting plate for 200X100mm NE, EN enclosures	166x68x1.6	Galvanized steel
DS-1020 P/L	Plastic Mounting Plate for 200X100mm NE, EN enclosures	166x68x3.5	ABS, grey
DS-1027	Steel Mounting plate for 270X100mm NE, EN enclosures	235x68x1.6	Galvanized steel
DS-1027 P/L	Plastic Mounting Plate for 270X100mm NE, EN enclosures	235x68x3.5	ABS, grey
DS-1515	Steel Mounting plate for 150X150mm NE, EN enclosures	124x124x1.6	Galvanized steel
DS-1515 P/L	Plastic Mounting Plate for 150X150mm NE, EN enclosures	124x124x3.5	ABS, grey
DS-1520	Steel mounting plate for 200x150 EN enclosures	183x136x1.6	Galvanized steel
DS-1520 P/L	Plastic mounting plate for 200x150 EN enclosures	183x136x3.5	ABS, grey
DS-1722	Steel Mounting plate for 220X170mm NE enclosures	186x136x1.6	Galvanized steel
DS-1722 P/L	Plastic Mounting Plate for 220X170mm NE enclosures	186x136x3.5	ABS, grey
DS-1727	Steel Mounting plate for 270X170mm NE enclosures	235x136x1.6	Galvanized steel
DS-1727 P/L	Plastic Mounting Plate for 270X170mm NE enclosures	235x136x3.5	ABS, grey
DS-1818 P/L	Plastic mounting plate for 180x180EN enclosures	175x175x3.5	ABS, grey
DS-1929	Steel Mounting plate for 190X290mm NE enclosures	251x161x1.6	Galvanized steel
DS-1929 P/L	Plastic Mounting Plate for 190X290mm NE enclosures	251x161x3.4	ABS, grey
DS-2030	Steel mounting plate for 300x200mm EN enclosures	267x170x1.6	Galvanized steel
DS-2030 P/L	Plastic mounting plate for 300x200mm EN enclosures	267x170x3.5	ABS, grey
DS-2227	Steel mounting plate for 275x225mm EN enclosures	245x192x1.6	Galvanized steel
DS-2227 P/L	Plastic mounting plate for 275x225mm EN enclosures	245x192x3.5	ABS, grey
DS-2530	Steel Mounting plate for 350X250mm NE enclosures	288x240x1.6	Galvanized steel
DS-2530 P/L	Plastic Mounting Plate for 350X250mm NE enclosures	287x237x3.5	ABS, grey
DS-2535	Steel mounting plate for 350x250mm NE, EN enclosures	321x221x1.6	Galvanized steel
DS-2535 P/L	Plastic mounting plate for 350x250mm NE, EN enclosures	321x221x3.5	ABS, grey
DS-2919	Steel Mounting plate for 290X190mm NE enclosures	252x161x1.6	Galvanized steel
DS-2919 P/L	Plastic Mounting Plate for 290X190mm NE enclosures	252x161x3.5	ABS, grey
DS-2939	Steel Mounting plate for 390X290mm NE enclosures	362x265x1.6	Galvanized steel
DS-2939 P/L	Plastic Mounting Plate for 390X290mm NE enclosures	362x265x3.5	ABS, grey
DS-3030	Steel Mounting plate for 300X300mm NE enclosures	287x287x1.6	Galvanized steel
DS-3030 P/L	Plastic Mounting Plate for 300X300mm NE enclosures	287x287x3.3	ABS, grey
DS-3040	Steel mounting plate for 400x300mm EN enclosures	362x265x1.6	Galvanized steel
DS-3040 P/L	Plastic mounting plate for 400x300mm EN enclosures	362x265x3.5	ABS, grey
DS-3545	Steel mounting plate for 450x350mm EN enclosures	420x307x1.6	Galvanized steel
DS-3545 P/L	Plastic mounting plate for 450x350mm EN enclosures	420x307x3.5	ABS, grey
DS-3546	Steel Mounting plate for 450X365mm NE enclosures	447x333x1.6	Galvanized steel
DS-3546 P/L	Plastic Mounting Plate for 450X365mm NE enclosures	447x333x3.5	ABS, grey
DS-4050	Steel mounting plate for 500x400mm EN enclosures	463x362x1.6	Galvanized steel
DS-4050 P/L	Plastic mounting plate for 500x400mm EN enclosures	463x362x3.5	ABS, grey
DS-4353	Steel Mounting plate for 530X430mm NE, EN enclosures	463x362x1.6	Galvanized steel
DS-4353 P/L	Plastic Mounting Plate for 530X430mm NE, EN enclosures	463x362x1.6	ABS, grey
DS-5060	Steel Mounting plate for 600X500mm NE, EN enclosures	575x485x1.6	Galvanized steel
DS-5070	Steel Mounting plate for 700X500mm NE, EN enclosures	680x480x1.6	Galvanized steel

Information subject to change without notice



Medium and large back-plates

NE and EN Accessories

Part No.	Description	Material
DSA-K20	Locking kit: metal lock, bracket, mount. Screws, plastic bezel	Various
DSB-50	Spare metal bracket for encl. NE-...-1929 to NE-...-3030 (set of 4)	Galvanized steel
DSB-60	Spare metal bracket for encl. NE-...-3546 to NE-...-5070 (set of 4)	Galvanized steel
DS-C-10	Dovetail ABS insert with fem. thread, encl. NE-...-1013 to -1515 (set of 4)	ABS
DS-C-50	Dovetail ABS insert with fem. thread, encl. NE-...-1722 to -5070 (set of 4)	ABS
DSC-H50	Dovetail hinged ABS insert, encl. NE-...-1722 to -5070 (set of 2)	ABS
DSD-1929	Swing frame panel, aluminum, for enclosures NE 190x290mm	Aluminum
DSD-2530	Swing frame panel, aluminum, for enclosures NE 250x300mm	Aluminum
DSD-2535	Swing frame panel, aluminum, for enclosures NE 250x350mm	Aluminum
DSD-2939	Swing frame panel, aluminum, for enclosures NE 290x390mm	Aluminum
DSD-3030	Swing frame panel, aluminum, for enclosures NE 300x300mm	Aluminum
DSD-3546	Swing frame panel, aluminum, for enclosures NE 350x465mm	Aluminum
DSD-5060	Swing frame panel, aluminum, for enclosures NE 500x600mm	Aluminum
DSD-5070	Swing frame panel, aluminum, for enclosures NE 500x700mm	Aluminum
DSF-1929	Swing frame, grey ABS, for enclosures NE 190x290mm	ABS, grey
DSF-2530	Swing frame, grey ABS, for enclosures NE 250x300mm	ABS, grey
DSF-2535	Swing frame, grey ABS, for enclosures NE 250x350mm	ABS, grey
DSF-2939	Swing frame, grey ABS, for enclosures NE 290x390mm	ABS, grey
DSF-3030	Swing frame, grey ABS, for enclosures NE 300x300mm	ABS, grey
DSF-3546	Swing frame, grey ABS, for enclosures NE 350x465mm	ABS, grey
DSF-5060	Swing frame, grey ABS, for enclosures NE 500x600mm	ABS, grey
DSF-5070	Swing frame, grey ABS, for enclosures NE 500x700mm	ABS, grey
DSH-25	Steel hinge for swing frame panel, small	Steel
DSH-50	Steel hinge for swing frame panel, large	Steel
DSK-40	Padlock bracket set for DS NE enclosures	—
DSL-10	Knurled screw (steel) with washer, for swing frame panel	Steel
DSM-45	Steel latch for DS enclosures, small	Steel
DSM-55	Steel latch for DS enclosures, medium	Steel
DSM-65	Steel latch for DS enclosures, large	Steel
DSM-65K	Steel latch for DS enclosures, large, with key	Steel
DS-PK-20	Plastic locking kit: lock, bracket, locknut, screws for DS Enclosures	Various
DS-VH-40	Ventilation fitting, ABS	ABS/ AC
DS-VH-50	U-shaped Ventilation fitting, ABS	ABS/ AC

Information subject to change without notice

Note: To select a complete swing frame panel set, choose the swingframe DSF-... fitting the enclosure, the corresponding aluminum panel DSD-..., plus two hinges (DSH-...) and two knurled screws (DSL-10)



Control BOX Cabinets

DSE's Control BOX series, equipped with hinged covers (solid or transparent) and Stainless Steel latches and hinges, with dimensions from 300x200x180mm (~11.8x7.9x7.1") to 600x800x280mm (~23.6x31.5x11").

They include models for indoor and for outdoor use:

- For indoor use, made of halogen-free ABS 30%/polycarbonate 70%, NE-PG and DS-PG (solid grey cover) or DS-PT and EN-PT (transparent cover)
- For outdoor use, made of halogen-free reinforced polyester, DS-PCG (solid grey cover) or DS-PCT (transparent polycarbonate cover)

Features and specifications:

- Over 17 sizes available, more than 68 variations
- Stainless Steel latches
- Accessories available:** Steel back-plates, Plastic back-plates internal frames, padlock brackets, locks, mounting brackets
- Operating temperature:** -40 to +85°C (ABS-PC models); -40 to +75°C (Polyester models)
- IP Rating:** IP 67
- NEMA rating:** 4X
- Impact resistance:** IK08
- Material PG & PT:** ABS and polycarbonate blend (UL94-5VA)
- Material PCG & PCT:** reinforced polyester, suitable for outdoor use (UL 94 5VA)
- Approvals:** cULus



DS Control BOX - ABS and Polycarbonate blend Enclosures for INDOOR use (Order by Part No.)

Dimensions (mm) ◊			Part No. (solid grey cover)	Part No. (transparent cover)	Part No. Steel Mounting Back-Plate	Part No. Plastic Mounting Back-Plate	Dimensions (in) ◊		
H	W	D					H	W	D
298	198	178	DS-PG-01	DS-PT-01	DS-01	DS-10 PL	11.73	7.78	7.00
399	299	178	DS-PG-02	DS-PT-02	DS-02	DS-02 PL	15.71	11.77	7.00
500	400	200	DS-PG-03	DS-PT-03	DS-03	DS-03 PL	19.69	15.75	7.87
600	400	230	DS-PG-04	DS-PT-04	DS-04	DS-04 PL	23.62	15.75	9.06
800	600	280	DS-PG-07	—	DS-07	DS-07 PL	31.50	23.62	11.02

Information subject to change without notice
DS-xx-07 - equivalent to EN-xx-6080

◊ External dimensions - Hinge is located along the "H" dimension

DS Control BOX - Reinforced Polyester Enclosures for OUTDOOR use (Order by Part No.)

Dimensions (mm) ◊			Part No. (solid grey cover)	Part No. (transparent cover)	Part No. Steel Mounting Back-Plate	Part No. Plastic Mounting Back-Plate	Dimensions (in) ◊		
H	W	D					H	W	D
298	198	178	DS-PCG-01	DS-PCT-01	DS-01	DS-10 PL	11.73	7.78	7.00
399	299	178	DS-PCG-02	DS-PCT-02	DS-02	DS-02 PL	15.71	11.77	7.00
500	400	200	DS-PCG-03	DS-PCT-03	DS-03	DS-03 PL	19.69	15.75	7.87
600	400	230	DS-PCG-04	DS-PCT-04	DS-04	DS-04 PL	23.62	15.75	9.06

Information subject to change without notice

◊ External dimensions - Hinge is located along the "H" dimension