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▶ RITTAL – **Outdoor enclosures**

FRIEDHELM L O H GROUP

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CS wall-mounted enclosures

Outdoor enclosures for wall or pole mounting. Enclosure-within-an-enclosure concept, outer enclosure with cut-out at the bottom and integrated louvres on the rear panel and side panels for ventilation.

Material:
– Enclosure:
  Aluminium AlMg3
– Mounting plate:
  Sheet steel, zinc-plated

Surface finish:
– Powder-coated
– UV-resistant pure polyester

Colour:
RAL 7035

Protection category:
IP 55 to IEC 60 529

Supply includes:
Double-walled outdoor enclosure,
fully preconfigured:
– Inner enclosure with mounting plate, gland plate and security lock (CS 9791.045 with 2 security locks)
– Mounting bracket for thermostat or hygrostat
– Outer enclosure with designer cover and security lock 3524 E

Detailed drawings:
Available on the Internet.
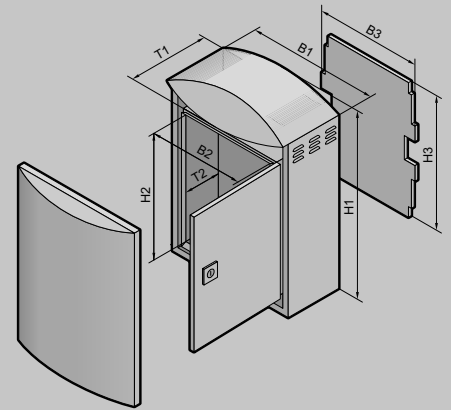
Twin-walled

Outer enclosure						
Width (B1) mm	Packs of	370	420	530	630	Page (HB33)
Height (H1) mm		522	560	700	780	
Depth (T1) mm		210	210	265	380	
Inner enclosure						
Width (B2) mm		300	350	460	580	
Height (H2) mm		400	440	565	580	
Depth (T2) mm		170	170	220	333	
Clearance width mm		280	330	440	560	
Clearance height mm		380	420	545	560	
Clearance depth mm		145	145	195	308	
Mounting plate width (B3) mm		270	320	430	550	
Mounting plate height (H3) mm		380	410	535	550	
Model No. CS	**1**	**9791.015**	**9791.025**	**9791.035**	**9791.045**	
Accessories						
Wall mounting bracket	4	9765.120	9765.120	9765.120	9765.120	629
Pole clamp	1 set	2584.000	2584.000	2584.000	2584.000	629
Enclosure heaters, for example	1	3105.330	3105.330	3105.330	3105.330	471
Enclosure internal thermostat	1	3110.000	3110.000	3110.000	3110.000	476
Hygrostat	1	3118.000	3118.000	3118.000	3118.000	476
Socket	2	2506.100	2506.100	2506.100	2506.100	698
LED system light	1	4140.810	4140.810	4140.820	4140.820	682
LED connection cable	1	4315.800	4315.800	4315.800	4315.800	683
Adaptor power pack	1	4315.860	4315.860	4315.860	4315.860	683

Climate control Page 394 Rail systems Page 651 in HB33

Outdoor enclosure with 100 mm transport plinth and rain canopy with projections on all sides. Photo shows a configuration example with equipment not included in the scope of supply.

Material:
Aluminium AlMg3

Surface finish:
– Powder-coated
– UV-resistant pure polyester

Colour:
RAL 7035

Protection category:
IP 55 to IEC 60 529, complies with NEMA 3R in conjunction with the gland plates offered in the accessories.

Supply includes:
Single-walled outdoor enclosure, fully pre-configured:
– Basic enclosure with open base
– 25 mm system punchings in the roof, base, front and in the enclosure depth
– Front door(s) with door stay, swing lever handle and semi-cylinder, lock BJ 20027
– Transport plinth with screwfastened trim panels front and rear
– Enclosure with width 1200 mm has two 600 mm wide mounting panels
– Rain canopy

Detailed drawings:
Available on the Internet.

Note:
When configuring with partial mounting panels or 482.6 mm

(19′) partial installation, punched rails are required in the enclosure height, see page 651 in HB33.

Single-walled and one-door, width: 600 and 800 mm

	Packs of							Page (HB33)
Width (B1) mm		600	600	600	800	800	800	
Height (H1) mm		800	1200	1200	800	1200	1200	
Depth (T1) mm		400	400	500	400	400	500	
Clearance width (B2) mm		512	512	512	712	712	712	
Clearance height (H2) mm		712	1112	1112	712	1112	1112	
Clearance depth (T2) mm		349	349	449	349	349	449	
Rain canopy width (B3) mm		650	650	650	850	850	850	
Rain canopy height (H3) mm		55	55	55	55	55	55	
Rain canopy depth (T3) mm		450	450	550	450	450	550	
Base/plinth height (H4) mm		100	100	100	100	100	100	
Overall height (H5) mm		955	1355	1355	955	1355	1355	
Model No. CS	1	**9783.540**	**9783.550**	**9783.530**	**9783.510**	**9783.520**	**9783.610**	
Accessories								
Plinth, hot galvanized height 1 m	1	Fl9765.182KS	Fl9765.182KS	Fl9765.082KS	Fl9765.088KS	Fl9765.088KS	Fl9765.084KS	
Gland plate, divided	1 set	9785.511	9785.511	9785.514	9785.512	9785.512	9785.513	566
Cable entry plates	2	8800.060	8800.060	8800.060	8800.080	8800.080	8800.080	701
Mounting plates	1	9765.090	9765.092	9765.092	9765.097	9765.095	9765.095	639
Mounting angles, 482.6 mm (19′)	2	7685.000	7688.000	7688.000	7685.000	7688.000	7688.000	743
Installation kit for mounting angles	2	7696.000	7696.000	7696.000	7698.000	7698.000	7698.000	743
Enclosure heaters, for example	1	3105.410	3105.410	3105.410	3105.410	3105.410	3105.410	471
Enclosure internal thermostat	1	3110.000	3110.000	3110.000	3110.000	3110.000	3110.000	476
Semi-cylinder, alternative closure	1	9785.040	9785.040	9785.040	9785.040	9785.040	9785.040	604

Single-walled and two-door, width: 1200 mm

Width (B1) mm	Packs of	1200		1200		Page (HB33)
Height (H1) mm		1200		1200		
Depth (T1) mm		400		500		
Clearance width (B2) mm		512		512		
Clearance height (H2) mm		1112		1112		
Clearance depth (T2) mm		349		449		
Rain canopy width (B3) mm		1250		1250		
Rain canopy height (H3) mm		55		55		
Rain canopy depth (T3) mm		450		550		
Base/plinth height (H4) mm		100		100		
Overall height (H5) mm		1355		1355		
Model No. CS	1	9784.620	9784.520	9784.640	9784.540	
Without centre bar, overlapping doors		▪	–	▪	–	
With removable centre bar, 2 lockable doors		–	▪	–	▪	
Accessories						
Plinth, hot galvanized height 1 m	1	FI9765.089KS		FI9765.086KS		
Gland plate, divided	1 set	2 x 9785.511		2 x 9785.514		566
Cable entry plates	2	8800.060		8800.060		701
Mounting plate for one half of the enclosure	1	9765.092		9765.092		639
Mounting plate, full installation	1	9765.191		9765.191		639
Mounting angles, 482.6 mm (19ʹ)	2	7688.000		7688.000		743
Installation kit for mounting angles	2	7696.000		7696.000		743
Enclosure heaters, for example	1	3105.410		3105.410		471
Enclosure internal thermostat	1	3110.000		3110.000		476
Semi-cylinder	1	9785.040	–	9785.040	–	604
	2	–	9785.042	–	9785.042	604

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Outdoor enclosure with 100 mm transport plinth and rain canopy with projections on all sides. Side panels, rear panel and door fully double-walled on the outside, the entire TS 8 frame is available for interior installation.

Material:
– Enclosure frame: Stainless steel 1.4301 (AISI 304)
– Enclosure panels and base/ plinth trim: Aluminium, AlMg3

Surface finish:
– Powder-coated
– UV-resistant pure polyester

Colour:
RAL 7035

Protection category:
IP 55 to IEC 60 529

Supply includes:
Double-walled outdoor enclosure, fully pre-configured:
– TS 8 frame with 25 mm system punchings in the roof and base frame plus vertical sections with two mounting levels
– Front door with door stay, swing lever handle and semi-cylinder, lock BJ20027
– Side panels left and right
– Rear panel
– Rain canopy
– Base/plinth with screwfastened gland plates and screw-fastened trim panels front and rear
– All enclosure panels are doubled and earthed (external wall onto internal wall)

Detailed drawings:
Available on the Internet.
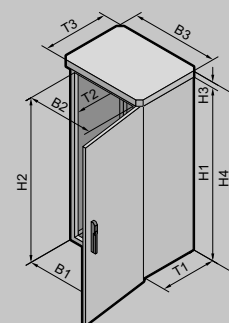
Double-walled, platform TS 8

	Packs of	600	800	600	800	Page (HB33)
Width (B1) mm		600	800	600	800	
Height (H1) mm		1200	1200	1600	1600	
Depth (T1) mm		600	600	600	600	
Clearance width (B2) mm		512	712	512	712	
Clearance height (H2) mm		1112	1112	1512	1512	
Clearance depth (T2) mm		512	512	512	512	
Rain canopy width (B3) mm		694	694	694	694	
Rain canopy height (H3) mm		45	45	45	45	
Rain canopy depth (T3) mm		694	694	694	694	
Overall height (H4) mm		1345	1345	1745	1745	
Model No. CS	1	**9774.105**	**9774.205**	**9774.305**	**9774.405**	

Accessories

Plinth, hot galvanized height 1 m	1	XFI9765.071KS	XFI9765.072KS	XFI9765.071KS	XFI9765.072KS	
Mounting angles, 482.6 mm (19')	2	7827.120	7827.120	7827.160	7827.160	739
TS punched section with mounting flange as installation kit	4	8612.060	–	8612.060	–	647
Installation bracket TS	2	–	7827.480	–	7827.480	746
Mounting plate	1	9765.092	9765.095	–	9765.096	639
Gland plate	Size	4	4	4	4	From 704
	Qty.	2	2	2	2	
Semi-cylinder	1	9785.040	9785.040	9785.040	9785.040	604
Cooling unit, 1000 W	1	–	9776.500	–	9776.500	468
Heat exchanger, 85 W/K	1	–	9776.102	–	9776.102	468
Enclosure heaters, for example		3105.410	3105.410	3105.410	3105.410	471

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