



Rittal Industrial Enclosure Solutions

NATIONAL DISTRIBUTORS OF



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HISTORY OF APS INDUSTRIAL

APS Industrial was formed in 2018 incorporating the established businesses of Ramelec Pty Ltd and HiTech Control Systems Pty Ltd who shared in over 20 years of successfully servicing the electrical needs of customers in Australia.

Both existing partial distributors of Siemens products in Australia, together these two companies offered a wealth of experience and expertise when it came to bringing this world class range to the local market.

It was these existing footprints and exclusive distribution agreements that formed the ideal platform for APS Industrial to develop a complete portfolio and customer focused product and solution model that would change the landscape of the Australian industrial electrical industry.

First appointed as the master distributor of the Siemens range in Australia, APS Industrial then secured key complementary national distribution partnerships with a number of other leading global manufacturers led by Weidmüller, Rittal, Belden, KATKO and EPCOS (a TDK Group company). Bringing together this extensive technology portfolio, APS Industrial is now able to serve the local market as a connected technology partner intent on delivering quality products and the ultimate in customer service.

APS INDUSTRIAL YOUR GATEWAY TO INDUSTRIAL SUCCESS

At APS Industrial, we're the gateway that connects the world's leading industrial manufacturers to the local industry.

We're committed to offering our customers an experience that is consistent and reliable as we together create solutions that power Australia.

COMPETITIVE

Our desire to help our customers drives our competitive nature as we strive to ensure we collectively succeed.

COMMITTED

In all that we do, our commitment to our valued customers is our promise.

ADAPTIVE

Our expertise, experience and scale allows us to seamlessly adapt to your needs and industry trends.

SUPPORTING

Our job never ends and we pride ourselves on our full cycle service and support.

RITTAL INDUSTRIAL ENCLOSURE SOLUTIONS

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While all care is taken, we cannot guarantee that all of the information in this publication is up to date and accurate.

Specifications may change without notice.

It is up to the customer to determine the suitability of a product for an application.

APS Industrial assumes no responsibility for the use of the information in this publication.

***RITTAL***

TERMINAL / JUNCTION BOX KL



Material:

- | Enclosure: Mild steel
- | Cover: Mild steel, all-round foamed-in PU seal

Surface finish:

- | Enclosure and cover: Dipcoat primed, powder-coated on the outside, textured paint

Supply includes:

- | Enclosure with cover
- | Quick-release fastener including plastic bushes

Colour:

- | RAL 7035

Protection category IP to IEC 60 529:

- | IP 66 (*IP 55)

Protection category NEMA:

- | NEMA 4 (* NEMA 12)
- | IK Code:
- | IK08

Mild Steel

WITHOUT GLAND PLATE		WITH GLAND PLATE	WIDTH MM	HEIGHT MM	PART NUMBER
D=80MM	D=120MM	D=120MM			MOUNTING PLATE
1514510	1500510	-	150	150	1560700
1528510	1529510	-	200	150	1575700
1516510	1502510	-	200	200	1562700
1515510	1501510	*1530510	300	150	1561700
1517510	1503510	*1531510	300	200	1563700
-	1507510	*1535510	300	300	1567700
-	1589510	-	400	150	1576700
1518510	1504510	*1532510	400	200	1564700
-	1508510	*1536510	400	300	1568700
-	1511510	*1539510	400	400	1571700
-	1505510	*1533510	500	200	1565700
-	1509510	*1537510	500	300	1569700
1519510	1506510	*1534510	600	200	1566700
-	1510510	*1538510	600	300	1570700
-	1512510	*1540510	600	400	1572700
-	1527510	*1542510	800	200	1574700
-	1513510	*1541510	800	400	1573700

Top Accessories

PART NUMBER	DESCRIPTION	PACKS OF
1590000	Wall Mounting Bracket (8mm wall distance)	4
1592000	Cover Hinge	6

SWITCH HOUSINGS STAINLESS STEEL



Material:

- | Enclosure: Stainless steel 1.4301 (AISI 304)
- | Cover: Stainless steel 1.4301 (AISI 304), all-round foamed-in PU seal

Surface finish:

- | Enclosure and cover: Brushed, grain 240

Supply includes:

- | Enclosure with cover
- | Quick-release fastener including plastic bushes

Protection category NEMA:

- | NEMA 4X
- | Protection category to IEC 60 529:
- | IP 66

Stainless Steel 304

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	NO. OF SWITCH CUT-OUTS Ø 22.5 MM
2384010	100	100	90	1
2384020	160	100	90	2
2384030	220	100	90	3
2384040	280	100	90	4

Top Accessories

PART NUMBER	DESCRIPTION	PACKS OF
1594000	Wall Mounting Bracket (304 Stainless Steel - 8mm wall distance)	4

TERMINAL / JUNCTION BOX KL STAINLESS STEEL



Material:

- | Enclosure: Stainless steel 1.4301 (AISI 304) and 1.4404 (316L)
- | Cover: Stainless steel, 1.4301 (AISI 304), and 1.4404 (316L)
- | all-round foamed-in PU seal

Surface finish:

- | Enclosure and cover: Brushed grain 180

Supply includes:

- | Enclosure with cover
- | Quick-release fastener including plastic bushes

Protection category IP to IEC 60 529:

- | IP 66

Protection category NEMA:

- | NEMA 4X

IK Code:

- | IK08

Stainless Steel 304

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	MOUNTING PLATE
1521010	150	150	80	1560700
1527010	150	150	120	1560700
1523010	200	200	80	1562700
1528010	200	200	120	1562700
1522010	300	150	80	1561700
1524010	300	200	80	1563700
1529010	300	200	120	1563700
1526010	300	300	120	1567700
1525010	400	200	120	1564700
1530010	400	300	120	1568700

Stainless Steel 316

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	MOUNTING PLATE
1521510	150	150	80	1560700
1523510	200	200	80	1562700
1522510	300	150	80	1561700
1524510	300	200	80	1563700
1525510	400	200	120	1564700

Top Accessories

PART NUMBER	DESCRIPTION	PACKS OF
1594000	Wall Mounting Bracket (304 Stainless Steel - 8mm wall distance)	4

E-BOX ENCLOSURES EB



- Material:**
- | Enclosure and door: Mild steel, all-round foamed-in PU seal
- Surface finish:**
- | Enclosure and door: Dipcoat primed, powder-coated on the outside, textured paint
 - | Mounting plate: Zinc-plated
- Supply includes:**
- | Enclosure with hinged door
 - | 180° hinge
 - | Cam lock with 3 mm double-bit insert
 - | Mounting plate

- Colour:**
- | RAL 7035
 - | Protection category IP to IEC 60 529:
 - | IP 66
- Protection category NEMA:**
- | NEMA 4
- IK Code:**
- | IK08

Mild Steel

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM
1551500	150	150	80
1553500	150	150	120
1545500	150	300	80
1548500	150	300	120
1546500	200	200	80
1549500	200	200	120
1552500	200	300	80
1554500	200	300	120
1547500	200	400	80
1550500	200	400	120
1557500	200	500	120
1555500	300	300	120
1556500	300	400	120
1577500	300	400	155
1578500	300	600	155
1579500	300	800	155

Top Accessories

PART NUMBER	DESCRIPTION	PACKS OF
1590000	Wall Mounting Bracket (Mild Steel, Zinc Plated - 8mm wall distance)	4
2584000	Pole Clamp	2
2411601 / 2411611... / 2411671	Cable Gland, polyamide	3 - 50
2411801 / 2411811... / 2411871	Cable Gland, brass	1 - 15



BUS ENCLOSURES BG



Material:

- | Enclosure: Mild steel
- | Door: Mild steel
- | Viewing window: made from polycarbonate, 4mm

Surface finish:

- | Enclosure and door: Dipcoat primed, powder-coated on the outside, textured paint

Supply includes:

- | Enclosure with door
- | Viewing window in the door
- | Mounting plate (in some sizes)
- | Gland plate in enclosure base (in some sizes)

Colour:

- | RAL 7035

Protection category IP to IEC 60 529:

- | IP 65

Protection category NEMA:

- | NEMA 12

IK Code:

- | IK08

Mild Steel

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR HINGE
1583520	200	300	80	left
1605520	200	300	120	right
1584520	300	300	80	left
1558510	400	200	125	bottom
1577450	400	300	155	bottom
1577530	400	300	155	bottom
1585520	400	300	80	left
1606520	400	300	120	right
1611510	400	500	160	right
1586520	500	300	80	left
1609510	500	300	120	bottom
1559510	600	200	125	bottom
1578450	600	300	155	bottom
1578530	600	300	155	bottom
1579450	800	300	155	bottom
1579530	800	300	155	bottom

OTHER SMALL ENCLOSURES



Polycarbonate Enclosures PK

Material:

- | Housing: Fibreglass reinforced polycarbonate
- | Cover: Fibreglass reinforced polycarbonate, all-round foamed in PU seal (light grey/transparent)
- | Cover screws: Polyamide
- | Insulating bungs: Polyethylene

Supply includes:

- | Enclosure with cover
- | Cover screws
- | Insulating bungs for wall mounting screws

Colour:

- | RAL 7035

Protection category IP to IEC 60 529:

- | IP 66

Protection category NEMA:

- | NEMA 4X

Dimensions range:

- | 65W x 65H x 57D to 360W x 254H x 165D



Cast Aluminium Enclosures GA

Material:

- | Enclosure: Cast aluminium
- | Cover: Cast aluminium, all-round CR cellular rubber cord seal

Surface finish:

- | Textured paint
- | Supply includes:
 - | Enclosure with cover
 - | Cover screws, captive
 - | Screws for attaching support rails
 - | Screw for connection of the PE conductor

Colour:

- | RAL 7001

Protection category IP to IEC 60 529:

- | IP 66

Protection category NEMA:

- | NEMA 4

IK Code:

- | IK08

Dimensions range:

- | 58W x 64H x 34D to 330W x 230H x 181D

Part number reference:

- | 9101210



Bus Enclosures BG Stainless Steel (304)

Material:

- | Enclosure: Stainless steel 1.4301 (AISI 304)
- | Cover: Stainless steel 1.4301 (AISI 304), all-round foamed-in PU seal
- | 180° hinges: Die-cast zinc

Surface finish:

- | Enclosure and cover: Brushed, grain 240
- | 180° hinges: chrome-plated

Supply includes:

- | Enclosure with cover
- | 180° hinges (2)
- | Support rail TS 35/7.5
- | Quick-release fastener including plastic bushes

Protection category IP to IEC 60 529:

- | IP 66

Protection category NEMA:

- | NEMA 4X



Rittal Modification Centre - Assembly

Rittal offers a fast and reliable assembly service working in conjunction with customer and end user to develop and deliver a complete solution.

Typical assemblies:

- | Escutheons
- | Swing frames
- | Punch sections
- | Side panels
- | Plinths
- | Cable management

Contact your APS Industrial product manager for more information

***RITTAL***

COMPACT ENCLOSURES AE



Material:

- | Enclosure: Mild steel
- | Door: Mild steel, all-round foamed-in PU seal

Surface finish:

- | Enclosure and door: Dipcoat primed, powder-coated on the outside, textured paint
- | Mounting plate: Zinc-plated

Supply includes:

- | Enclosure with hinged door(s), of all-round solid construction
- | Gland plate(s) in enclosure base
- | Mounting plate
- | Lock: 3mm double-bit

- | 3-point lock system is included for enclosures ≥1200 high

Colour:

- | RAL 7035

Protection category IP to IEC 60 529:

- | IP 66 (*IP55)

Protection category NEMA:

- | NEMA 4 (*NEMA 12)

IK Code:

- | IK08

Optional accessories:

- | Internal mounting rails
- | Baying kits,
- | Door stay,
- | Fans and filters,
- | Wiring plan pocket
- | Earthing kits,
- | Lock covers, different lock types
- | Pole mount brackets
- | Lights

Mild Steel

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR(S)	INNER DOOR
*1032500	200	300	120	1	XAU10350199
*1035500	200	300	155	1	XAU10350199
1033500	300	300	210	1	XAU10330199
1036500	300	300	155	1	XAU10330199
1034500	300	400	210	1	XAU10340199
1030500	380	300	155	1	XAU10310199
1031500	380	300	210	1	XAU10310199
1038500	380	600	210	1	XAU10380199
1380500	380	380	210	1	XAU13800199
1338500	380	600	350	1	XAU10380199
1045500	400	500	210	1	XAU10450199
1037500	400	800	300	1	ON REQUEST
1050500	500	500	210	1	XAU10500199
1057500	500	700	250	1	XAU10570199
1350500	500	500	300	1	XAU10500199
1039500	600	380	210	1	XAU10390199
1054500	600	600	250	1	XAU10600199
1060500	600	600	210	1	XAU10600199
1076500	600	760	210	1	XAU10760199
1058500	600	800	250	1	XAU10580199
1090500	600	1000	250	1	XAU10900199
1339500	600	380	350	1	XAU10390199
1360500	600	600	350	1	XAU10600199
1376500	600	760	350	1	XAU10760199
1260500	600	1200	300	1	XAU12600199

COMPACT ENCLOSURES AE



Material:

- | Enclosure: Mild steel
- | Door: Mild steel, all-round foamed in PU seal
- | Surface finish:
- | Enclosure and door: Dipcoat primed, powder-coated on the outside, textured paint
- | Mounting plate: Zinc-plated

Supply includes:

- | Enclosure with hinged door(s), of all-round solid construction
- | Gland plate(s) in enclosure base
- | Mounting plate
- | Lock: 3mm double-bit

- | 3-point lock system is included for enclosures ≥1200 high

Colour:

- | RAL 7035

Protection category IP to IEC 60 529:

- | IP 66 (*IP 55)

Protection category NEMA:

- | NEMA 4 (*NEMA 12)

IK Code:

- | IK08

Mild Steel

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR(S)	INNER DOOR
1073500	760	760	300	1	XAU10770199
1077500	760	760	210	1	XAU10770199
1055500	800	600	300	1	ON REQUEST
1180500	800	1000	300	1	XAU11800199
1280500	800	1200	300	1	XAU12800199
*1100500	1000	760	210	2	ON REQUEST
*1130500	1000	760	300	2	ON REQUEST
*1110500	1000	1000	300	2	ON REQUEST
*1114500	1000	1400	300	2	ON REQUEST
*1213500	1000	1200	300	2	ON REQUEST

Outdoor Aluminium housing for AE compact enclosures

PART NUMBER	TO FIT ENCLOSURE TYPE	TO FIT WIDTH	TO FIT HEIGHT	TO FIT DEPTH
9792055	AE	= 300 mm	= 400 mm	= 210 mm
9792065	AE	= 500 mm	= 500 mm	= 210 mm
9792075	AE	= 600 mm	= 600 mm	= 350 mm



* Wall mount brackets see page 3/29

COMPACT ENCLOSURES AE STAINLESS STEEL (304)



- Material:**

 - Enclosure: Stainless steel
 - Door: Stainless steel, all-round foamed-in PU seal
 - Mounting plate: Mild steel
 - Stainless steel 1.4301 (AISI 304)
 - Lock insert: Die-cast zinc, nickel-plated

Surface finish:

 - Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8µm
 - Mounting plate: Zinc-plated
 - Custom sloping roof available
- Supply includes:**

 - Enclosure with door(s)
 - Mounting plate
 - Lock: 3mm double-bit 3-point lock system is included for enclosures ≥1200 high

Protection category IP to IEC 60 529:

 - IP 66 (*IP 55)

Protection category NEMA:

 - NEMA 4X (*NEMA 12)

IK Code:

 - IK08

Stainless Steel 304

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR(S)	INNER DOOR*	RAIN CANOPY STAINLESS STEEL
1001600	200	300	120	1	XAU10350199	-
1002600	200	300	155	1	XAU110350199	2470000
1003600	300	300	210	1	XAU10330199	2361000
1005600	300	380	210	1	ON REQUEST	2361000
1004600	380	300	155	1	XAU10310199	2471000
1011600	380	300	210	1	XAU10310199	2472000
1006600	380	380	210	1	XAU13800199	2472000
1008600	380	600	210	1	XAU10380199	2472000
1015600	400	500	210	1	XAU10450199	-
1007600	500	500	210	1	XAU10500199	2362000
1013600	500	500	300	1	XAU10500199	-
1009600	600	380	210	1	XAU10390199	2473000
1010600	600	600	210	1	XAU10600199	2473000
1012600	600	760	210	1	XAU10760199	2473000
1014600	760	760	300	1	XAU10770199	2474000
1016600	800	1000	300	1	XAU11800199	2475000
1017600	800	1200	300	1	XAU12800199	2475000
*1018600	1000	1000	300	2	ON REQUEST	2363000
*1019600	1000	1200	300	2	ON REQUEST	2363000

* Modifications need to be made to enclosure to fit inner door. Studs need to be welded inside enclosure.
* Wall mount brackets see page 3/29



COMPACT ENCLOSURES AE STAINLESS STEEL (316L)



Material:

- | Enclosure: Stainless steel
- | Door: Stainless steel, all-round foamed-in PU seal
- | Mounting plate: Mild steel
- | Stainless steel 1.4404 (AISI 316L)
- | Lock insert: Stainless steel 1.4404 (AISI 316L)

Surface finish:

- | Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8 µm
- | Mounting plate: Zinc-plated
- | Custom sloping roof available

Supply includes:

- | Enclosure with door(s)
- | Mounting plate
- | Lock: 3mm double-bit
- | 3-point lock system is included for enclosures ≥1200 high Nutsert M8 to suit wall brackets

Protection category IP to IEC 60 529:

- | IP 66 (*IP 55)

Protection category NEMA:

- | NEMA 4X (*NEMA 12)

IK Code:

- | IK08

Stainless Steel 316L

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR(S)	INNER DOOR
XAU1001500	200	300	120	1	XAU10350199
XAU1002500	200	300	155	1	XAU10350199
XAU1003500	300	300	210	1	XAU10330199
XAU1005500	300	380	210	1	ON REQUEST
XAU1004500	380	300	155	1	XAU10310199
XAU1011500	380	300	210	1	XAU10310199
XAU1006500	380	380	210	1	XAU13800199
XAU1008500	380	600	210	1	XAU10380199
XAU1015500	400	500	210	1	XAU10450199
XAU1463999	400	600	320	1	ON REQUEST
XAU1007500	500	500	210	1	XAU10500199
XAU1013500	500	500	300	1	XAU10500199
XAU1009500	600	380	210	1	XAU10390199
XAU1010500	600	600	210	1	XAU10600199
XAU1663999	600	600	300	1	XAU10600199
XAU1664999	600	600	400	1	XAU10600199
XAU1012500	600	760	210	1	XAU10760199
XAU1068500	600	800	300	1	XAU10580199
XAU1684999	600	800	400	1	XAU10580199
XAU1063999	600	1000	300	1	XAU10900199
XAU1014500	760	760	300	1	XAU10770199
XAU1884999	800	800	400	1	ON REQUEST
XAU1016500	800	1000	300	1	XAU11800199
XAU1804999	800	1000	400	1	XAU11800199
XAU1017500	800	1200	300	1	XAU12800199
XAU1824999	800	1200	400	1	XAU12800199
*XAU1018500	1000	1000	300	2	ON REQUEST
*XAU1019500	1000	1200	300	2	ON REQUEST
*XAU1024999	1000	1200	400	2	ON REQUEST
*XAU1224999	1200	1200	400	2	ON REQUEST

* Wall mount brackets see page 3/29

* Modifications need to be made to enclosure to fit inner door. Studs need to be welded inside enclosure.

APS RITTAL DISTRIBUTION ENCLOSURES



Material:

- | Enclosure: 1.5mm Mild Steel
- | Door: Mild steel, all-round foamed in PU seal
- | Enclosure and door: Dipcoat primed, powder-coated on the outside textured paint.
- | Semi Flush Rittal Swing Handle and 3 Point Locking System

Colour:

- | RAL 7035 Grey
- | Electrical Orange

Protection Category:

- | IP66

Mild Steel

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	COLOUR	MOUNTING PLATE
XAURE040212	600	380	250	GREY	Included
XAURE040219	600	380	250	ORANGE	Included
XAURE040405	600	600	250	GREY	Included
XAURE050205	600	600	250	ORANGE	Included
XAURE010206	600	800	250	GREY	DBMP800
XAURE010208	600	800	250	ORANGE	DBMP800
XAURE010210	600	1000	250	GREY	DBMP1000
XAURE010212	600	1000	250	ORANGE	DBMP1000
XAURE013362	600	1200	250	GREY	DBMP1200
XAURE040204	600	1200	250	ORANGE	DBMP1200
XAURE040206	600	1500	250	GREY	DBMP1500
XAURE040208	600	1500	250	ORANGE	DBMP1500

PART NUMBER INNER DOOR	WIDTH MM	HEIGHT MM
XAU10390199	600	380
XAU10600199	600	600
XAU10580199	600	800
XAU10900199	600	1000
XAU12600199	600	1200

COMPACT SYSTEM ENCLOSURES CM



Material:

- | Enclosure: Mild steel 1.5mm
- | Door: Mild steel, 2.0 mm, all-round foamed-in PU seal
- | Mounting plate: Mild steel 3.0mm

Surface finish:

- | Enclosure and door: Dipcoat primed, powder-coated on the outside, textured paint
- | Mounting plate: Zinc-plated

Supply includes:

- | Enclosure with hinged door(s)
- | 3-point locking system with double-bit insert
- | Mounting plate

- | Open base for individual cable entry

Option:

- | Gland plate sold separately

Colour:

- | RAL 7035

Protection category IP to IEC 60 529:

- | IP 55

Protection category NEMA:

- | NEMA 12

IK Code:

- | IK08

Optional Accessories

- | Rails for internal mounting
- | Rain canopies
- | Wiring plan pocket
- | Lights
- | Trim panel
- | Handle upgrades

Mild Steel

PART NUMBER	GLAND PLATE ONE PIECE	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR(S)	BASE/PLINTH 100MM		INTERNAL ASSEMBLY RAILS		PUNCHED SECTIONS	
						FRONT/ REAR	SIDE	VERT.	HORIZ.	DEPTH	WIDTH
5110500	5001222	600	800	400	1	8640002	8640031	5001051	5001050	8612140	8612060
5111500	5001222	600	1000	400	1	8640002	8640031	5001052	5001050	8612140	8612060
5112500	5001218	600	1200	300	1	8640002	8640030	5001053	5001050	8612130	8612060
5113500	5001222	600	1200	400	1	8640002	8640031	5001053	5001050	8612140	8612060
5114500	5001219	800	1000	300	1	8640003	8640030	5001052	5001051	8612130	8612080
5115500	5001223	800	1000	400	1	8640003	8640031	5001052	5001051	8612140	8612080
5116500	5001219	800	1200	300	1	8640003	8640030	5001053	5001051	8612130	8612080
5117500	5001223	800	1200	400	1	8640003	8640031	5001053	5001051	8612140	8612080
5118500	5001220*	1000	1000	300	2	8640005	8640030	5001052	5001052	8612130	8612000
5119500	5001220*	1000	1200	300	2	8640005	8640030	5001053	5001052	8612130	8612000
5120500	5001224*	1000	1200	400	2	8640005	8640031	5001053	5001052	8612140	8612000
5121500	5001220*	1000	1400	300	2	8640005	8640030	5001054	5001052	8612130	8612000
5122500	5001224*	1000	1400	400	2	8640005	8640031	5001054	5001052	8612140	8612000
5123500	5001225*	1200	1200	400	2	8640007	8640031	5001053	5001053	8612140	8612020

Note:

* 2x Gland Plates Required other gland plate options available on request

FIBREGLASS ENCLOSURES AX



- Material:**

 - Enclosure and door: Fibreglass-reinforced unsaturated polyester
 - Door: All-round foamed-in PU seal
 - Mounting plate: 2.5mm Mild steel
 - Viewing window: Polycarbonate
 - Fire protection corresponding to UL 94-V0

Surface finish:

 - Enclosure and door: Dyed plastic with no after-treatment
 - Mounting plate: Zinc-plated

Colour:

 - Similar to RAL 7035

Protection category IP to IEC 60 529:

 - IP 66 Solid
 - IP 56 Window

Protection category NEMA:

 - NEMA 4X Solid
 - NEMA 12 Window
- Protection class:**

 - II at 1000 V AC

Supply includes:

 - Enclosure with hinged door, of all-round solid construction, 3 mm double-bit lock
 - Door hinged on the right, may be swapped to the left
 - Mounting plate
 - Twin seal on the top and bottom edges of the door as integral rain protection strip
 - Please note the product-specific scope of supply.

Note:

 - Interior installation screws are required to secure components inside the enclosure
 - Components such as punched sections with mounting flanges may be attached on a 25 mm pitch pattern using the universal bracket

Approvals:

 - UL Further approvals can be found on the Internet

PART NUMBER STANDARD	PART NUMBER WITH WINDOW	WIDTH MM	HEIGHT MM	DEPTH MM	INNER DOOR
1432000	—	250 mm	350 mm	150 mm	
1434000	—	300 mm	400 mm	200 mm	
1444000	1448000	400 mm	400 mm	200 mm	1485744
1446000	1449000	400 mm	600 mm	200 mm	
1453000	1454000	500 mm	500 mm	300 mm	
1466000	1467000	600 mm	600 mm	200 mm	1485766
1468000	1469000	600 mm	800 mm	300 mm	1485768
1480000	1479000	800 mm	1000 mm	300 mm	

Accessories

PART NUMBER	DESCRIPTION
1485400	Wall mounting bracket for AX plastic 4 pc(s).
1485200	Universal Internal bracket for AX plastic
1485100	Door stay for AX plastic top or bottom mount PK2
1485300	Screws for interior installation for AX plastic
2584100	Pole Clamp Kit to suit
1485600	Mini-comfort handle only for AX lock inserts and semi-cylinders





VX SE FREE-STANDING ENCLOSURE SYSTEM



Material:

- | Enclosure: Mild steel, 1.5 mm,
- | Door: Mild steel, 2.0 mm
- | Rear panel: Mild steel, 1.5 mm
- | Gland plates: Mild steel, 1.5 mm
- | Mounting plate: Mild steel, 3.0 mm

Surface finish:

- | Enclosure, door and rear panel: dipcoat-primed, powder-coated on the outside, textured paint
- | Mounting plate and gland plates: Zinc-plated, passivated

Supply includes:

- | Enclosure, solid top and sides

- | Door(s), right hand door hinge with single-door enclosures, may be swapped to opposite side
- | Mounting plate & gland plate
- | Rear panel, detachable
- | Lock: 3 mm double-bit
- | 2 TS punched rails 18 x 38 mm
- | Rear panel, one piece
- | Rear panel, two pieces*

Colour:

- | RAL 7035

Protection category IP to IEC 60 529:

- | IP 55

Protection category NEMA:

- | Type 12 (NEMA 12), 3R

Optional Accessories

- | Door stays
- | Lights and door switches
- | Wiring plan pockets
- | Internal mounting rails
- | Comfort handles
- | Earthing kits
- | Cable Clamp Rails
- | Cable Entry Systems
- | Eye bolts

Mild Steel

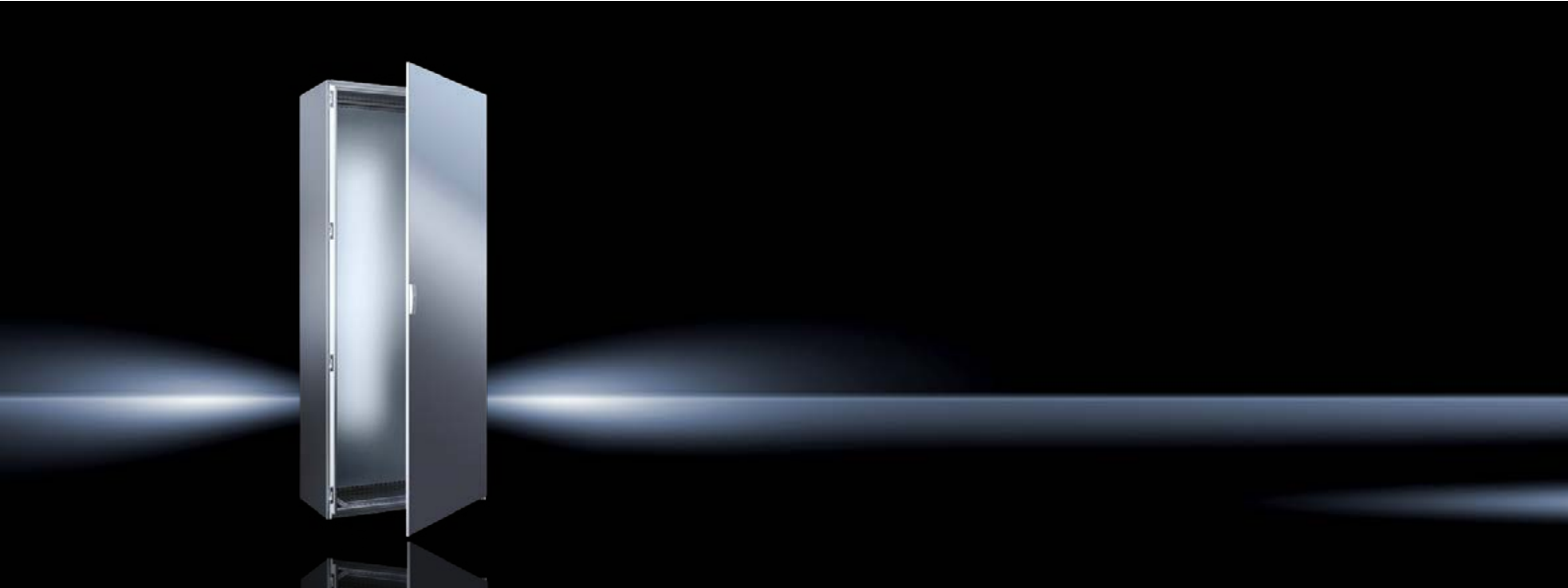
PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR(S)	BASE/PLINTH 100MM		BASE/PLINTH 200MM	
					FRONT/REAR	SIDE	FRONT/REAR	SIDE
5820600	600	1800	300	1	8640002	8640030	8640022	8640040
5821600	600	2000	300	1	8640002	8640030	8640022	8640040
5822600	800	1800	300	1	8640003	8640030	8640023	8640040
5823600	800	2000	300	1	8640003	8640030	8640023	8640040
5824600	1200	1800	300	2	8640007	8640030	8640025	8640040
5825600	1200	2000	300	2	8640007	8640030	8640025	8640040
5830600	600	1800	400	1	8640002	8640031	8640022	8640041
5831600	800	1800	400	1	8640003	8640031	8640023	8640041
5832600	800	2000	400	1	8640003	8640031	8640023	8640041
5833600	800	2000	500	1	8640003	8640032	8640023	8640042
5834600	800	2000	600	1	8640003	8640033	8640023	8640043
5840600	1000	1800	400	2	8640005	8640031	8640025	8640041
5841600	1200	1800	400	2	8640007	8640031	8640027	8640041
*5842600	1600	1800	400	2	8640008	8640031	8640026	8640041
5843600	1200	2000	400	2	8640007	8640031	8640027	8640041
5844600	1200	2000	500	2	8640007	8640032	8640027	8640042
5845600	1200	2000	600	2	8640007	8640033	8640027	8640043
*5846600	1800	2000	500	2	8640009	8640032	8640029	8640042

Enclosure Inner Doors

PART NUMBER	DESCRIPTION
XAU86060199M	Inner door to suit 600 x 2000 TS 8 & VX SE
XAU88860199M	Inner door to suit 800 x 1800 TS 8 & VX SE
XAU88060199M	Inner door to suit 800 x 2000 TS 8 & VX SE



VX SE STAINLESS STEEL 304 FREE-STANDING ENCLOSURE SYSTEM



Material:

- | Enclosure: Stainless steel, 1.4301 (AISI 304), 1.5 mm, exterior brushed
- | Door: Stainless steel, 1.4301 (AISI 304), 2 mm, exterior brushed
- | Rear panel: Stainless steel, 1.4301 (AISI 304), 1.5 mm, exterior brushed
- | Gland plates: Stainless steel, 1.4301 (AISI 304), 1.5 mm
- | Mounting plate: Mild steel, 3.0 mm

Surface finish:

- | Enclosure, door and rear panel: Brushed, grain size 400
- | Gland plates: Stainless steel 304 Uncoated
- | Mounting plate: Zinc-plated, passivated

Supply includes:

- | Enclosure, solid top and sides
- | Door(s)
- | Right hand door hinge with single-door enclosures, may be swapped to opposite side
- | Rear panel, detachable
- | Mounting plate
- | Gland plates
- | Lock: 3 mm double-bit
- | 2 TS punched rails 18 x 38 mm

Protection category IP to IEC 60 529:

- | IP 55
- | Protection category to UL 50E:
- | Type 12 (NEMA 12), 3R

Stainless Steel 304

VX STAINLESS PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR(S)	BASE/PLINTH 100MM		BASE/PLINTH 200MM	
						SIDE	FRONT/REAR	SIDE
5850600	600	1600	400	1	8620050	8620070	8620060	8620080
5851600	600	1800	500	1	8620050	8620071	8620060	8620081
5852600	800	1800	500	1	8620051	8620071	8620061	8620081
5853600	800	2000	600	1	8620051	8620072	8620061	8620082
5854600	1000	1800	400	1	8620052	8620070	8620062	8620080
5855600	1200	2000	500	2	8620053	8620071	8620063	8620081

System Enclosure Inner Doors

PART NUMBER	DESCRIPTION
XAU86060199M	Inner door to suit 600 x 2000 TS 8 & VX SE
XAU88060199M	Inner door to suit 800 x 2000 TS 8 & VX SE

VX SE FREE-STANDING ENCLOSURE SYSTEM IP 66/NEMA 4



Material:

- | Enclosure frame: Mild steel, 1.5 mm
- | Door: Mild steel, 2.0 mm
- | Rear panel: Mild steel, 1.5 mm
- | Base: Mild steel, 1.5 mm
- | Mounting plate: Mild steel, 3.0 mm

Surface finish:

- | Enclosure, door and rear panel: Dipcoated-primed, powder-coated on the outside, textured paint
- | Mounting plate: Zinc-plated
- | Base: Dipcoat-primed and powder-coated, textured paint

Supply includes:

- | Enclosure, solid top and sides
- | Door(s)
- | Door hinged on the right, may be swapped to the left
- | Mounting plate
- | Base, solid
- | Rear panel, detachable Lock: 3mm double-bit
- | 2 TS punched rails 18 x 38 mm

Colour:

- | RAL 7035

Protection category IP to IEC 60 529:

- | IP 66

Protection category NEMA:

- | Type 4 (NEMA 4), 3R

IK code:

- | IK10

Mild Steel

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	MOUNTING PLATE WIDTH MM	MOUNTING PLATE HEIGHT MM	BASE/PLINTH 100MM	
						FRONT/REAR	SIDE
5830680	600	1800	400	499	1696	8620050	8620070
5831680	800	1800	400	699	1696	8620051	8620070
5834680	800	2000	600	699	1896	8620051	8620072

VX SE STAINLESS STEEL 304 ENCLOSURE SYSTEM IP 66/NEMA 4X



Material:

- Enclosure: Stainless steel, 1.4301 (AISI 304), 1.5 mm, exterior brushed
- Door: Stainless steel, 1.4301 (AISI 304), 2 mm, exterior brushed
- Rear panel: Stainless steel, 1.4301 (AISI 304), 1.5 mm, exterior brushed
- Gland plates: Stainless steel, 1.4301 (AISI 304), 1.5 mm
- Mounting plate: Mild steel, 3.0 mm

Surface finish:

- Enclosure, door and rear panel: Brushed, grain size 400
- Gland plates: Uncoated
- Mounting plate: Zinc-plated

Supply includes:

- Enclosure, solid top and sides
- Door(s)

- Door hinged on the right, may be swapped to the left
- Rear panel, detachable
- Mounting plate
- Base, solid
- Lock: 3mm double-bit
- 2 TS punched rails 18 x 38 mm

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- Type 4 (NEMA 4X), 3R

IK code:

- IK10

Stainless Steel 304

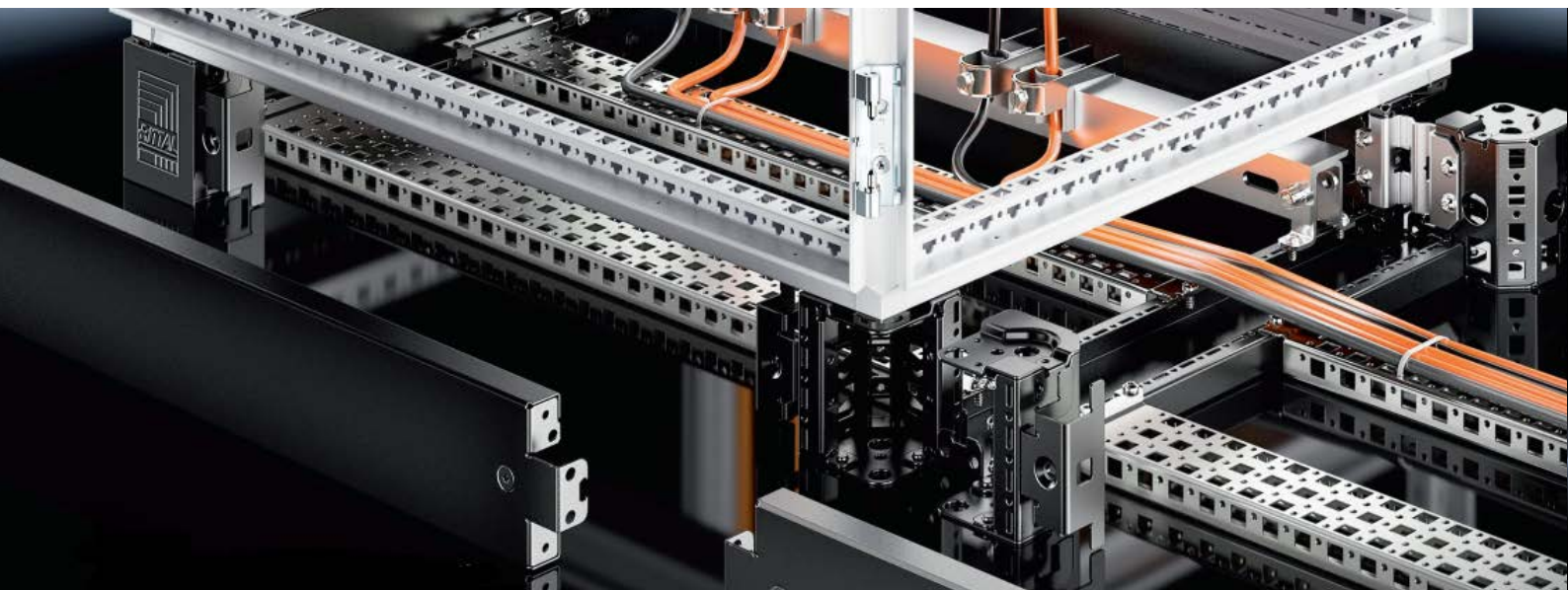
PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	MOUNTING PLATE WIDTH MM	MOUNTING PLATE HEIGHT MM	BASE/PLINTH 100MM	
						FRONT/REAR	SIDE
5850580	600	1600	400	499	1496	8620050	8620070
5852580	800	1800	500	699	1696	8620051	8620071
5853580	800	2000	600	699	1896	8620051	8620072

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VX THE INNOVATIVE BASE/PLINTH SYSTEM



VX The innovative base/plinth system in Mild Steel Black RAL9005 and Stainless steel 1.4301 (AISI 304) to suit Enclosure Ranges TS, TS IT, SE, CM, TP, PC, IW and TE.

Front and Rear Supply includes:

- | 4 base/plinth corner pieces
- | 4 corner covers
- | 1 baying cover
- | 2 base/plinth trim panels, front/rear
- | Assembly parts

Side Trim Supply includes:

- | 2 base/plinth trim panels
- | Assembly parts

Mild Steel Black RAL9005



Plinth Front and Rear 100 mm high Mild Steel

FOR ENCLOSURE WIDTH MM	MODEL NO.
300	8640000
400	8640001
600	8640002
800	8640003
850	8640004
1000	8640005
1100	8640006
1200	8640007
1600	8640008
1800	8640009

Plinth Sides 100 mm high Mild Steel

FOR ENCLOSURE DEPTH MM	MODEL NO.
300	8640030
400	8640031
500	8640032
600	8640033
800	8640034
1000	8640035
1200	8640036

Plinth Front and Rear 200 mm high Mild Steel

FOR ENCLOSURE WIDTH MM	MODEL NO.
300	8640020
400	8640021
600	8640022
800	8640023
1000	8640024
1200	8640025
1600	8640026
1800	8640027

Plinth Sides 200 mm high Mild Steel

FOR ENCLOSURE DEPTH MM	MODEL NO.
300	8640040
400	8640041
500	8640042
600	8640043
800	8640044
1000	8640045
1200	8640046

Stainless steel 1.4301 (AISI 304)

Plinth Front and Rear 100 mm high Stainless Steel

FOR ENCLOSURE WIDTH MM	MODEL NO.
600	8620050
800	8620051
1000	8620052
1200	8620053

Plinth Sides 100 mm high Stainless Steel

FOR ENCLOSURE DEPTH MM	MODEL NO.
400	8620070
500	8620071
600	8620072

Plinth Front and Rear 200 mm high Stainless Steel

FOR ENCLOSURE WIDTH MM	MODEL NO.
600	8620060
800	8620061
1000	8620062
1200	8620063

Plinth Sides 200 mm high Stainless Steel

FOR ENCLOSURE DEPTH MM	MODEL NO.
400	8620080
500	8620081
600	8620082

Accessories



ACCESSORIES	MODEL NO.
Baying Bracket Internal pack of 6	8617500
Base Plinth Installation Bracket pack of 2	8620400

FREESTANDING BAYABLE ENCLOSURES TS 8



Material:

- | Enclosure frame: Mild steel, 1.5 mm – Roof: Mild steel, 1.5 mm
- | Door: Mild steel, 2.0 mm – Rear panel: Mild steel, 1.5 mm
- | Gland plates: Mild steel, 1.5 mm
- | Mounting plate: Mild steel, 3.0 mm

Surface finish:

- | Enclosure frame: Dipcoat-primed
- | Door, roof and rear panel: Dipcoated-primed, powder-coated on the outside, textured paint
- | Mounting plate and gland plates: Zinc-plated

Supply includes:

- | Enclosure frame

- | Door(s), right hand door hinge with single-door enclosures, may be swapped to opposite side
- | Roof plate and rear panel
- | Gland plates and Mounting plate
- | 2 TS punched rails 18 x 38 mm
- | 4 eyebolts
- | Lock: 3mm double-bit
- | 2 support strips fitted in the enclosure depth

Colour:

- | RAL 7035

Protection category IP to IEC 60 529:

- | IP 55

Protection category NEMA:

- | NEMA 12

IK Code:

- | IK09

Optional Accessories

- | Punched rails for internal mounting
- | 19” rails and swing frames
- | Lights and door switches
- | Comfort handles
- | Door stays
- | Wiring plan pockets
- | Earthing Kits
- | Cable entry systems
- | Baying Kits
- | Fans and filters
- | Air conditioners

Mild Steel

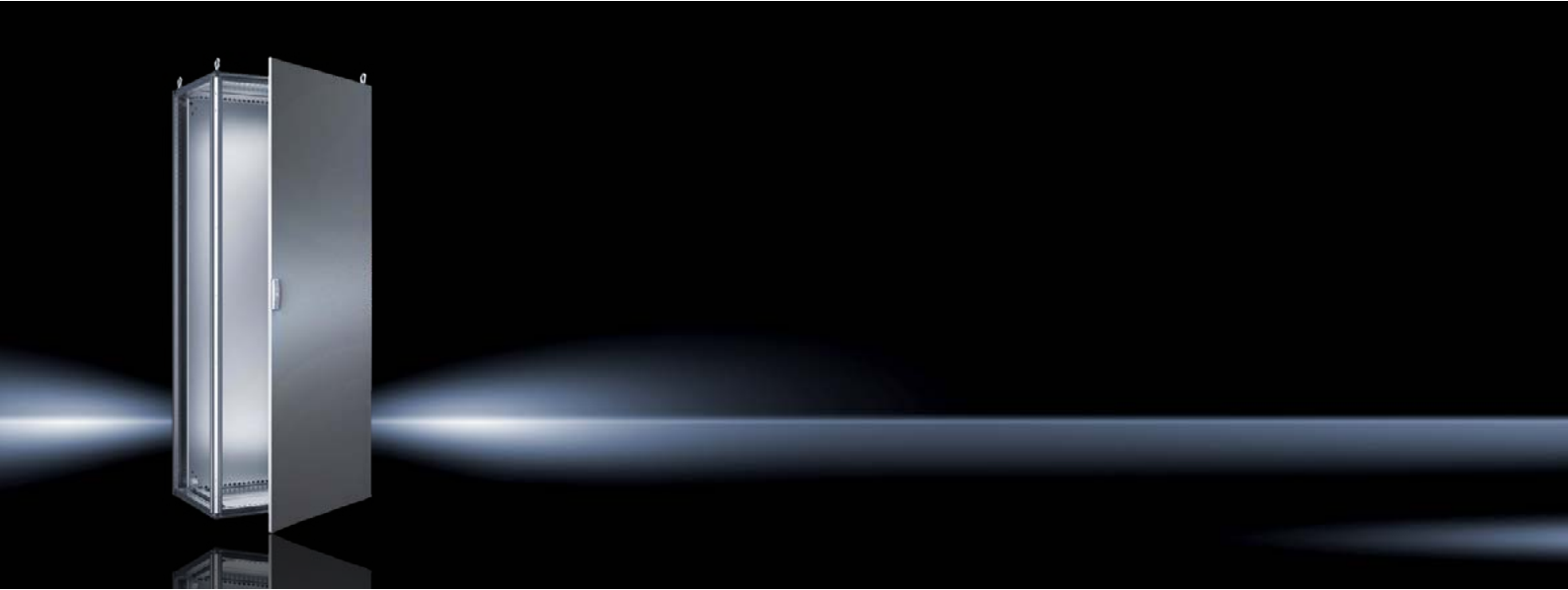
PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR(S)	SIDE PANELS	BASE/PLINTH 100MM		BASE/PLINTH 200MM	
						FRONT/REAR	SIDE	FRONT/REAR	SIDE
8485510	400	1800	500	1	8185235	8640001	8640032	8640021	8640042
8486510	400	1800	600	1	8186235	8640001	8640033	8640021	8640043
8405510	400	2000	500	1	8105235	8640001	8640032	8640021	8640042
8406510	400	2000	600	1	8106235	8640001	8640033	8640021	8640043
8615500	600	1200	500	1	8115235	8640002	8640032	8640022	8640042
8645500	600	1400	500	1	8145235	8640002	8640032	8640022	8640042
8665500	600	1600	500	1	8165235	8640002	8640032	8640022	8640042
8684500	600	1800	400	1	8184235	8640002	8640031	8640022	8640041
8685500	600	1800	500	1	8185235	8640002	8640032	8640022	8640042
8686500	600	1800	600	1	8186235	8640002	8640033	8640022	8640043
8604500	600	2000	400	1	8104235	8640002	8640031	8640022	8640041
8605500	600	2000	500	1	8105235	8640002	8640032	8640022	8640042
8606500	600	2000	600	1	8106235	8640002	8640033	8640022	8640043
8608500	600	2000	800	1	8108235	8640002	8640034	8640022	8640044
8626500	600	2200	600	1	8126235	8640002	8640033	8640022	8640043
8815500	800	1200	500	1	8115235	8640003	8640032	8640023	8640042
8845500	800	1400	500	1	8145235	8640003	8640032	8640023	8640042
8865500	800	1600	500	1	8165235	8640003	8640032	8640023	8640042
8884500	800	1800	400	1	8184235	8640003	8640031	8640023	8640041

FREESTANDING BAYABLE ENCLOSURES TS 8



PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR(S)	SIDE PANELS	BASE/PLINTH 100MM		BASE/PLINTH 200MM	
						FRONT/REAR	SIDE	FRONT/REAR	SIDE
8885500	800	1800	500	1	8185235	8640003	8640032	8640023	8640042
8880500	800	1800	500	2	8185235	8640003	8640032	8640023	8640042
8886500	800	1800	600	1	8186235	8640003	8640033	8640023	8640043
8881500	800	1800	600	2	8186235	8640003	8640033	8640023	8640043
8804500	800	2000	400	1	8104235	8640003	8640031	8640023	8640041
8805500	800	2000	500	1	8105235	8640003	8640032	8640023	8640042
8806500	800	2000	600	1	8106235	8640003	8640033	8640023	8640043
8808500	800	2000	800	1	8108235	8640003	8640034	8640023	8640044
8826500	800	2200	600	1	8126235	8640003	8640033	8640023	8640043
8828500	800	2200	800	1	8128235	8640003	8640034	8640023	8640044
8084500	1000	1800	400	1	8184235	8640005	8640031	8640024	8640041
8080500	1000	1800	400	2	8184235	8640005	8640031	8640024	8640041
8005500	1000	2000	500	2	8105235	8640005	8640032	8640024	8640042
8006500	1000	2000	600	2	8106235	8640005	8640033	8640024	8640043
8215500	1200	1200	500	2	8115235	8640007	8640032	8640025	8640042
8245500	1200	1400	500	2	8145235	8640007	8640032	8640025	8640042
8265500	1200	1600	500	2	8165235	8640007	8640032	8640025	8640042
8284500	1200	1800	400	2	8184235	8640007	8640031	8640025	8640041
8285500	1200	1800	500	2	8185235	8640007	8640032	8640025	8640042
8286500	1200	1800	600	2	8186235	8640007	8640033	8640025	8640043
8204500	1200	2000	400	2	8104235	8640007	8640031	8640025	8640041
8205500	1200	2000	500	2	8105235	8640007	8640032	8640025	8640042
8206500	1200	2000	600	2	8106235	8640007	8640033	8640025	8640043
8208500	1200	2000	800	2	8108235	8640007	8640034	8640025	8640044
8226500	1200	2200	600	2	8126235	8640007	8640033	8640025	8640043
8228500	1200	2200	800	2	8128235	8640007	8640034	8640025	8640044

FREESTANDING BAYABLE ENCLOSURES TS 8



- Material:**

 - Enclosure frame: Stainless steel, 1.4301 (AISI 304), 1.5 mm
 - Roof: Stainless steel, 1.4301 (AISI 304), 1.5 mm, exterior brushed
 - Door: Stainless steel, 1.4301 (AISI 304), 2 mm, exterior brushed
 - Rear panel: Stainless steel, 1.4301 (AISI 304), 1.5 mm, exterior brushed
 - Gland plates: Stainless steel, 1.4301 (AISI 304), 1.5 mm
 - Mounting plate: Mild steel, 3.0 mm

Surface finish:

 - Enclosure frame and gland plates: Exterior brushed, grain size 400
 - Door, roof and rear panel: Exterior brushed, grain size 400
 - Mounting plate: Zinc-plated
- Protection category IP to IEC 60 529:**

 - IP 55

Protection category NEMA:

 - NEMA 12

IK Code:

 - IK09

Options:

 - Models available in 316 Stainless Steel / Models available in NEMA 4X
- Supply includes:**
- Enclosure frame
 - Door(s), right hand door hinge with single-door enclosures, may be swapped to opposite side
 - Roof plate, rear panel, gland plates and mounting plate
 - 4 eyebolts - Lock: 3mm double-bit
 - 2 TS punched rails 18 x 38 mm
 - 2 support strips fitted in the enclosure depth

Stainless Steel

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR(S)	SIDE PANELS	BASE/PLINTH 100MM		BASE/PLINTH 200MM	
						FRONT/REAR	SIDE	FRONT/REAR	SIDE
8457600	600	1800	500	1	8700850	8620050	8620071	8620060	8620081
8452600	600	2000	600	1	8700060	8620050	8620072	8620060	8620082
8454600	800	1800	400	1	8700840	8620051	8620070	8620061	8620080
8455600	800	1800	500	1	8700850	8620051	8620071	8620061	8620081
8450600	800	2000	600	1	8700060	8620051	8620072	8620061	8620082
8453600	1200	1800	500	2	8700850	8620053	8620071	8620063	8620081
8456600	1200	1800	400	2	8700840	8620053	8620070	8620063	8620080
8451600	1200	2000	600	2	8700060	8620053	8620072	8620063	8620082

Note:
Stainless Steel 316L available on request

NEMA 4 BAYING SYSTEMS TS 8



Material:

- | Enclosure frame: Mild steel, 1.5 mm – Roof: Mild steel, 1.5 mm
- | Door: Mild steel, 2.0 mm – Rear panel: Mild steel, 1.5 mm
- | Base: Mild steel, 1.5 mm
- | Mounting plate: Mild steel, 3.0 mm

Surface finish:

- | Enclosure frame, door, roof and rear panel: Dipcoated-primed, powder-coated, textured paint
- | Mounting plate: Zinc-plated

Supply includes:

- | Enclosure frame
- | Door, hinged on the right, may be swapped to the left
- | Roof plate and rear panel
- | Base, solid and Mounting plate
- | 4 eyebolts
- | Lock: 3mm double-bit
- | 2 TS punched rails 18 x 38 mm
- | 2 support strips fitted in the enclosure depth
- | Accessory kit for side panels for upgrading to IP 66
- | Colour:
- | RAL 7035

Protection category IP to IEC 60 529:

- | IP 66

Protection category NEMA:

- | NEMA 4

IK Code:

- | IK09

Mild Steel

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR(S)	SIDE PANELS	MOUNTING PLATE	
						WIDTH MM	HEIGHT MM
8806580	800	2000	600	1	8106235	699	1896

Accessories required for Baying

PART NUMBER	DESCRIPTION
8700010	Baying Frame 2000 x 600
8800430	Angular Baying Bracket pack of 4
8800500	Quick Fit Baying Clamp Pack of 6
8800400	Baying Clamp Horizontal



NEMA 4X BAYING SYSTEMS TS 8 STAINLESS STEEL (304)



Material:

- | Enclosure frame: Stainless Steel 1.4301 (AISI 304), 1.5 mm
- | Roof: Stainless Steel 1.4301 (AISI 304), 1.5 mm, exterior brushed
- | Door: Stainless Steel 1.4301 (AISI 304), 2.0 mm, exterior brushed
- | Rear panel: Stainless Steel 1.4301 (AISI 304), 1.5 mm, exterior brushed
- | Base: Stainless Steel 1.4301 (AISI 304), 1.5 mm
- | Mounting plate: Mild steel 3.0 mm

Surface Finish:

- | Enclosure frame and gland plates: Uncoated
- | Door, roof and rear panel: Exterior brushed, grain size 400.
- | Mounting Plate: Zinc-plated

Supply includes:

- | Enclosure frame
- | Door, hinged on the right, may be swapped to the left
- | Roof plate and rear panel
- | Base, solid and Mounting plate
- | 4 eyebolts
- | Lock: 3mm double-bit
- | 2 TS punched rails 18 x 38 mm
- | 2 support strips fitted in the enclosure depth
- | Accessory kit for side panels for upgrading to IP 66

Protection category IP to IEC 60 529:

- | IP 66

Protection category NEMA:

- | NEMA 4X

IK Code:

- | IK09

Stainless Steel

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DOOR(S)	SIDE PANELS	MOUNTING PLATE	
						WIDTH MM	HEIGHT MM
8450680	800	2000	600	1	8700060	699	1896

Note: Most standard TS8 sizes available on request

Accessories required for Baying

PART NUMBER	DESCRIPTION
8700010	Baying Frame 2000 x 600
8800430	Angular Baying Bracket pack of 4
8800500	Quick Fit Baying Clamp Pack of 6
8800400	Baying Clamp Horizontal



POPULAR ACCESSORIES

AE Enclosures



Baying kit for AE

Baying kit for individual adaptation to various AE enclosure sizes.

PART NUMBER	PACK QTY	PROTECTION CATEGORY
1199100	KIT	IP 66



Wall mounting bracket for AE

For attaching to the enclosure from the outside. Simply insert the expandable dowel into the enclosure hole from the outside, and screw-fasten the wall bracket from the outside.

PART NUMBER	PACK QTY	MATERIAL	WALL DISTANCE
2433000	Pack of 4	Stainless steel 1.4301 (AISI 304)	10 mm
2433500	Pack of 4	Stainless steel 1.4404 (AISI 316L)	10 mm
2503010	Pack of 4	Mild steel, zinc-plated	40 mm
2508010	Pack of 4	Mild steel, zinc-plated	10 mm



Rails for interior installation AE

For mounting in the enclosure, no machining required. Suitable for all-round mounting on the sides, base and roof areas.

PART NUMBER	PACK QTY	FOR DEPTH
2383210	Pack of 4	= 210 mm
2383250	Pack of 4	= 250 mm
2383300	Pack of 4	= 300 mm
2383350	Pack of 4	= 350 mm



Padlockable Handle for AE Stainless Steel Enclosure

To suit AE Stainless Steel 304 and 316 Complete with 10mm hasp.

PART NUMBER	PACK QTY	PROTECTION CATEGORY
XAU2535990	Pack of 1	IP66

TS 8 Enclosures



Quick-fit baying clamp, one-piece for TS/TS

Simply attach the screws, insert the quick-fit baying clamp, tap in with a hammer and lock.

PART NUMBER	PACK QTY	DESCRIPTION
8800500	Pack of 6	Quick-fit baying clamp, one-piece



Baying connector, external for TS/TS

For mounting on the vertical enclosure sections from the outside.

PART NUMBER	PACK QTY	MATERIAL
8700000	Pack of 6	Stainless steel 1.4301 (AISI 304)
8800490	Pack of 6	Mild steel



Angular baying bracket for TS/TS

For a stable connection when transporting bayed enclosure suites.

PART NUMBER	PACK QTY	DESCRIPTION	MATERIAL
8800430	Pack of 4	Angular baying bracket	Mild steel



TS punched section with mounting flange, 17 x 73 mm

Variable, with 5 rows of holes for universal skeleton structures or partial assembly. Simply locate onto the TS punchings and secure.

PART NUMBER	PACK QTY	DESIGN	TO FIT ENCLOSURE WIDTH/DEPTH	FOR DOOR WIDTH	LENGTH
8612040	Pack of 4	Inner mounting	400 mm	500 mm	390 mm
8612050	Pack of 4	Inner mounting	500 mm	600 mm	490 mm
8612060	Pack of 4	Inner mounting	600 mm	-	590 mm
8612080	Pack of 4	Inner mounting	800 mm	900 mm	790 mm
8612140	Pack of 4	Outer mounting	400 mm	-	340 mm
8612150	Pack of 4	Outer mounting	500 mm	-	440 mm
8612160	Pack of 4	Outer mounting	600 mm	-	540 mm
8612180	Pack of 4	Outer mounting	800 mm	-	740 mm

LED SYSTEM LIGHT



Material:

- | Light body: Extruded aluminium
- | Light cover: Polycarbonate (halogen-free)
- | Light ends: PC-ABS (halogen-free)

Supply includes:

- | Assembly screws

Colour:

- | RAL 7016

Features:

- | Fast, tool-free assembly, simply latch and secure
- | May be fitted horizontally and vertically with no loss of space in the enclosure
- | Lights with motion detectors are equipped with a rotating LED board as standard, allowing the light to be perfectly adapted to any installation situation
- | Rotating connectors support installation in the most confined spaces
- | Simple through-wiring based on the plug & play system

MODEL			2500100	2500110	2500200	2500220	2500300	2500320
Output (lumens)			400	600	900	900	1200	1200
Length (mm)			262	337	437	437	437	437
Motion sensor			-	-	-	-	?	-
Rated operating voltage	100 - 240 V AC		?	?	?	-	?	?
	24 - 56 V DC		-	-	-	?	-	?
Equipment	Socket		-	-	-	-	-	-
	90° rotating connector		-	-	?	?	?	?
	Adjustable light direction		-	-	-	-	?	?
	Adjustable light distribution		-	-	?	?	?	?
Protection class			II (all-insulated)			III (SELV)	II (all-insulated)	III (SELV)
Approvals	UL		?	-	?	?	?	?
	cUL		?	-	?	?	?	?
	CCC		?	?	?	-	?	?
	ENEC		?	?	?	?	?	?
Installation type	Screw fastening		?	?	?	?	?	?
	Clip attachment		?	?	?	?	?	?
	Magnetic		?	?	?	?	?	?
Connection options	Infeed		2-pole	2-pole	3-pole	2-pole	3-pole	2-pole
	Through-wiring		2-pole	2-pole	3-pole	2-pole	3-pole	2-pole
	Door-operated switch		?	?	?	?	-	-
Mounting options	Enclosures with a 25 mm pitch pattern	Screw fastening/clip	-	Directly on the profile	Directly on the profile	Directly on the profile	Directly on the profile	Directly on the profile
	AE	Screw fastening	With universal bracket					
Accessories								
Universal bracket			2373000	2373000	2373000	2373000	2373000	2373000
Mounting kit magnet			2500480	2500480	2500480	2500480	2500480	2500480
Door-operated switch			2500460	2500460	2500460	2500460	-	-
Door-operated switch, UL			-	-	2500470	2500470	-	-
Connection accessories								
Infeed, 2 pole *(pkt of 5)			*2500420	*2500420	-	2500410	2500400	2500410
Infeed, 3 pole			-	-	2500400	-	-	-
Infeed, 3-pole, ENEC, UL			-	-	2500500	-	-	-
Through-wiring, 2-pole			2500450	2500450	-	2500440	2500500	2500440
Through-wiring, 3-pole			-	-	2500430	-	-	-
Through-wiring, 3-pole, ENEC, UL			-	-	2500530	-	2500530	-

Note: Contact your local APS Industrial Sales Representative for pricing

SYSTEM LIGHTS

LED compact system light in 24 V (DC) (±10%) version

- Max. EMC compatibility
- Protected, as it operates within the safety extra-low voltage range
- Door operated switch connection supported
- Integral through-wiring
- Vertically hinged light cone

Material:

- Light body: Extruded aluminium
- Light cover: Polycarbonate (halogen-free)
- Light ends: PC-ABS

Colour: Similar to RAL 7035

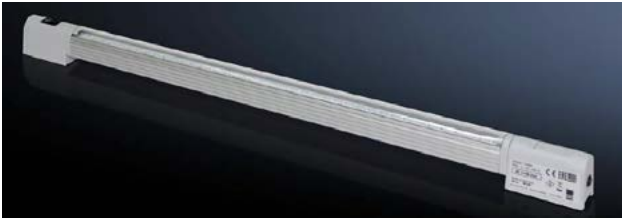
- Protection category IP to IEC 60 529: IP 20

Supply includes:

- LED compact system light with clip and screw
- mounting kits, assembly parts

LED compact system light

PART NUMBER	INPUT VOLTAGE	LEDS	WIDTH
4140810	24 V (DC)	10	230 mm
4140820	24 V (DC)	20	330 mm
4140830	24 V (DC)	30	430 mm
4140840	24 V (DC)	40	530 mm



Connection accessories for LED compact system light

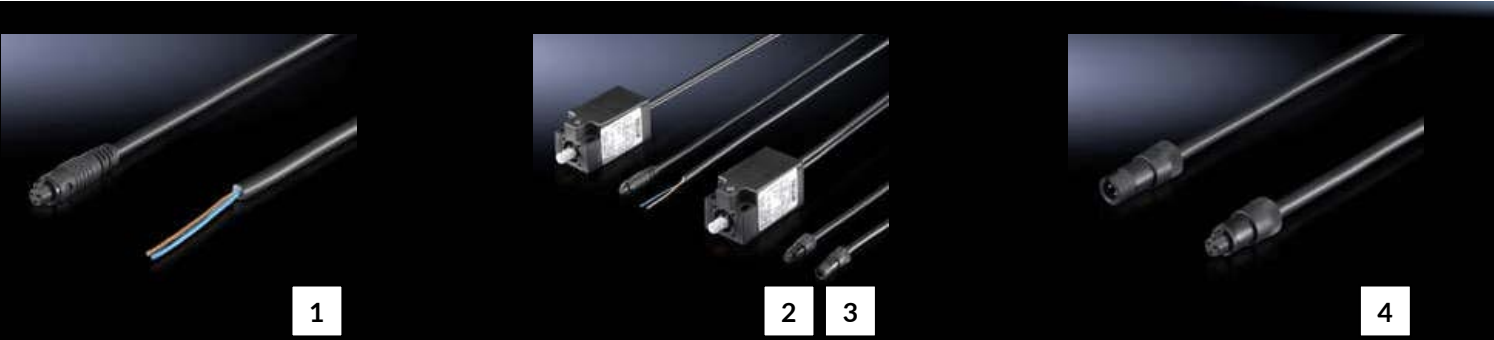
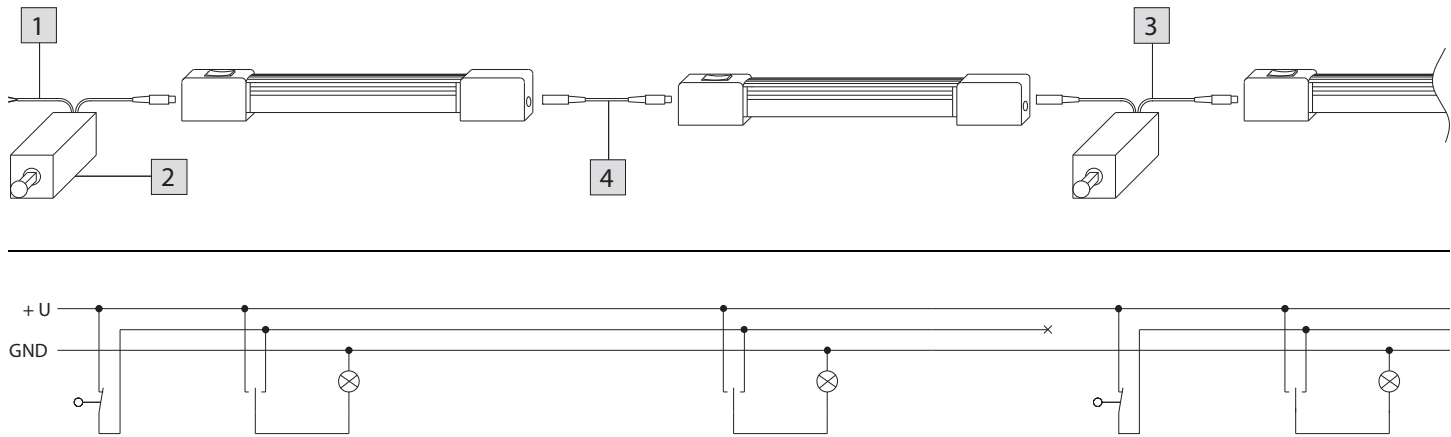
	CONNECTION CABLE	PART NUMBER	LENGTH MM	PACKS OF
1	LED connection cable	4315800	3000	1 pc(s).

	DOOR-OPERATED SWITCH	PART NUMBER	LENGTH MM	PACKS OF
2	With LED connection cable	4315810	3000	1 pc(s).
3	With LED interconnecting cable	4315820	1000	1 pc(s).

	INTERCONNECTING CABLE	PART NUMBER	LENGTH MM	PACKS OF
4	LED interconnecting cable	4315830	600	1 pc(s).
		4315840	1000	1 pc(s).
		4315850	3000	1 pc(s).

Layout diagram for LED compact system light 24 V (DC):

- 1 Connection cable
- 2 Door-operated switch with LED connection cable (open end/cable bush)
- 3 Door-operated switch with LED interconnecting cable
- 4 LED interconnecting cable for through-wiring



**RITTAL**

ONE-PIECE CONSOLES TP



Material:

- | Enclosure: Mild steel 1.5 mm
- | Door and console cover: Mild steel, 2.0 mm, all-round foamed in PU seal

Surface finish:

- | Enclosure, cover and door: Dipcoat primed, powder-coated on the outside, textured paint
- | Mounting plate: Zinc-plated

Supply includes:

- | Enclosure, solid back and sides
- | Door or double door at front, with locking rod
- | Mounting plate
- | Cover hinged at rear, 2 stays with automatic locking. Automatic unlocking on the left, manual unlocking on the right
- | Gland plates

Colour:

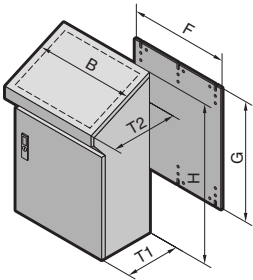
- | RAL 7035
- | Protection category IP to IEC 60 529:

Protection category NEMA:

- | NEMA 12 with selection of the
- | Type rating to UL 50E: Type 12

IK Code:

- | IK08



Mild Steel

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH BOTTOM MM	DEPTH TOP MM	DOOR(S)	BASE/PLINTH 100MM		BASE/PLINTH 200MM	
						FRONT/REAR	SIDE	FRONT/REAR	SIDE
6746600	600	975	400	500	1	8640002	8640031	8640022	8640041
6748600	800	975	400	500	1	8640003	8640031	8640023	8640041
6740600	1000	975	400	500	2	8640005	8640031	8640024	8640041
6742600	1200	975	400	500	2	8640007	8640031	8640025	8640041

PART NUMBER	DESCRIPTION
7950200	Document Clip Magnetic Pack 2
6731120	TP Aluminium Strip 1750mm long, Prevents wiring plans etc. from slipping.



TOPCONSOLE SYSTEM TP



Material:

- | Enclosure: Mild steel, 1.5 mm
- | Door and console cover: Mild steel, 2.0 mm, all-round foamed-in PU seal
- | Mounting plate: Mild steel 2.5 mm (depth 500 mm), 3.0 mm (depth 400 mm)

Surface finish:

- | Enclosure, cover and door: Dipcoat primed, powder-coated on the outside, textured paint
- | Mounting plate: Zinc-plated

Supply includes:

- | Console
- | Desk section
- | Pedestal with glands

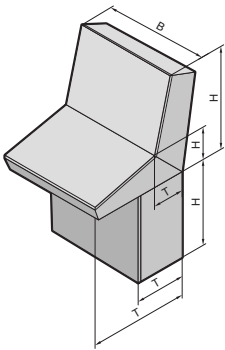
Colour:

- | RAL 7035
- | Protection category IP to IEC 60 529:
| IP 55 provided suitable gland plates are selected

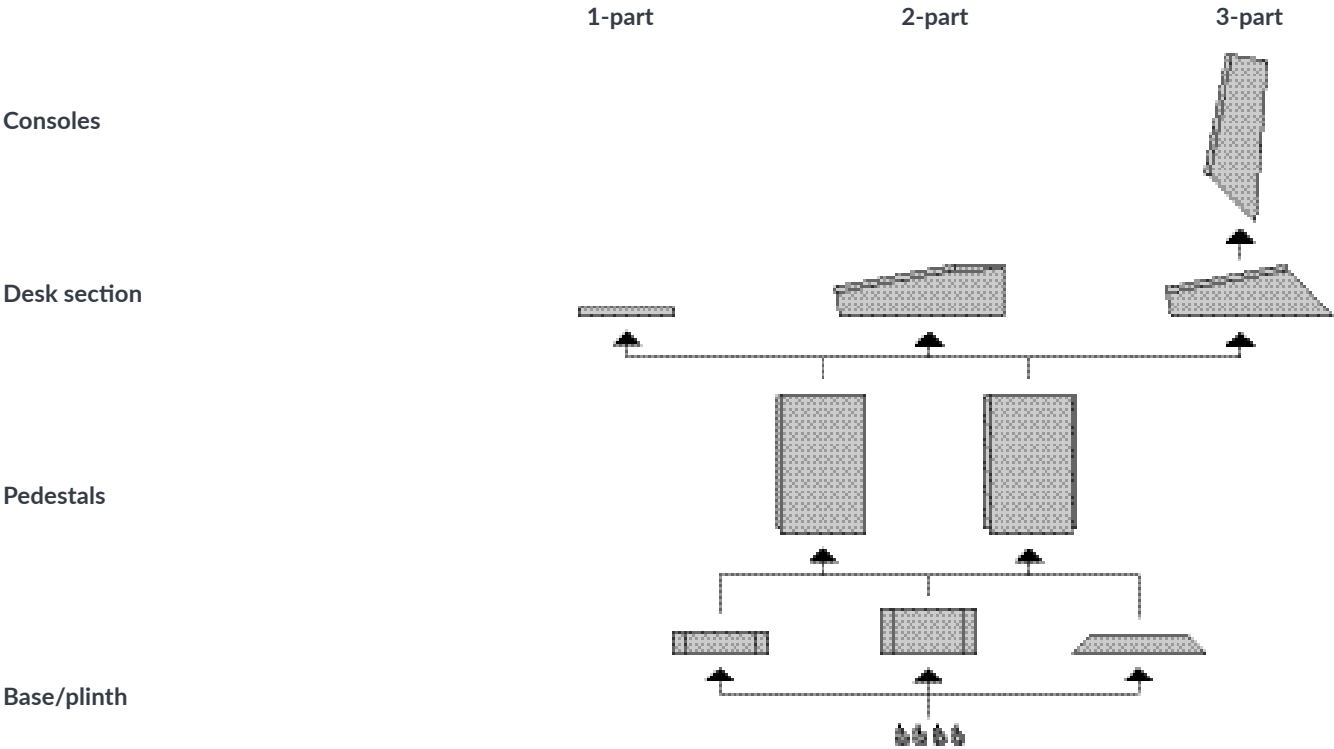
Protection category NEMA:

- | NEMA 12 provided suitable gland plates are selected

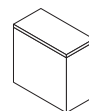
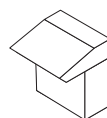
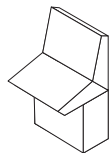
Photo shows a configuration example with equipment not included in scope of supply.



Combination options

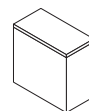
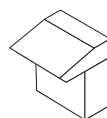
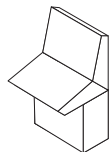


TOPCONSOLE SYSTEM TP



600 mm wide

Configuration			3-part		2-part		1-part	
Depth of pedestal mm			400	500	400	500	400	500
CONSOLES								
Height mm		P. of	720		-		-	
Depth mm			240		-		-	
Part Number		1 pc(s)	6720500		-		-	
DESK SECTION								
Height mm		P. of	235		235		-	
Depth mm			730		755		-	
Part Number		1 pc(s)	6714500		6710500		-	
PEDESTALS								
Height mm		P. of	675	675	675	675	675	675
Depth mm			400	500	400	500	400	500
Part Number		1 pc(s)	6700600	6704600	6700600	6704600	6700600	6704600

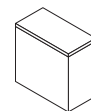
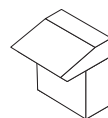
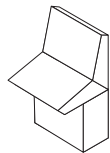


800 mm wide

Configuration			3-part		2-part		1-part	
Depth of pedestal mm			400	500	400	500	400	500
CONSOLES								
Height mm		P. of	720		-		-	
Depth mm			240		-		-	
Part Number		1 pc(s)	6721500		-		-	
DESK SECTION								
Height mm		P. of	235		235		-	
Depth mm			730		755		-	
Part Number		1 pc(s)	6715500		6711500		-	
PEDESTALS								
Height mm		P. of	675	675	675	675	675	675
Depth mm			400	500	400	500	400	500
Part Number		1 pc(s)	6701600	6705600	6701600	6705600	6701600	6705600

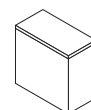
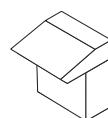
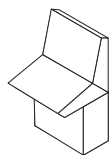
Note: Contact your local APS Industrial Sales Representative for pricing

TOPCONSOLE SYSTEM TP



1200 mm wide

Configuration			3-part		2-part		1-part	
Depth of pedestal mm			400	500	400	500	400	500
CONSOLES								
Height mm		P. of	720		-		-	
Depth mm			240		-		-	
Part Number		1 pc(s)	6722500		-		-	
DESK SECTION								
Height mm		P. of	235		235		-	
Depth mm			730		755		-	
Part Number		1 pc(s)	6716500		6712500		-	
PEDESTALS								
Height mm		P. of	675	675	675	675	675	675
Depth mm			400	500	400	500	400	500
Part Number		1 pc(s)	6702600	6706600	6702600	6706600	6702600	6706600



1600 mm wide

Configuration			3-part		2-part		1-part	
Depth of pedestal mm			400	500	400	500	400	500
CONSOLES								
Height mm		P. of	720		-		-	
Depth mm			240		-		-	
Part Number		1 pc(s)	6723500		-		-	
DESK SECTION								
Height mm		P. of	235		235		-	
Depth mm			730		755		-	
Part Number		1 pc(s)	6717500		6713500		-	
PEDESTALS								
Height mm		P. of	675	675	675	675	675	675
Depth mm			400	500	400	500	400	500
Part Number		1 pc(s)	6703600	6707600	6703600	6707600	6703600	6707600

Note: Contact your local APS Industrial Sales Representative for pricing

ONE-PIECE CONSOLES STAINLESS STEEL (304)



Material:

- | Enclosure: Stainless steel 1.4301 (AISI 304) 1.5mm
- | Door or double door and console lid; Stainless steel 1.4301 (AISI 304). 2.0 MM
- | Mounting plate: Mild steel 3.0 mm

Surface finish:

- | Enclosure, door, console lid and gland plates: Brushed grain 240
- | Mounting plate: Zinc-plated

Supply includes:

- | Enclosure, solid back and sides
- | Door or double door at front, with locking rod
- | Console lid with lid stay and cam lock latched in the enclosure
- | Locks with double-bit insert
- | Gland plates, divided
- | Mounting plate

Protection category IP to IEC 60 529:

- | IP 55

Protection category NEMA:

- | NEMA 12

Stainless Steel 304

PART NUMBER	DOOR(S)	WIDTH MM	HEIGHT MM	DEPTH BOTTOM MM	DEPTH TOP MM	BASE/PLINTH 100MM COMPLETE
2683600	1	600	960	400	480	2865000
2684600	1	800	960	400	480	2869000
2685600	2	1000	960	400	480	2867000
2686600	2	1200	960	400	480	2870000

PC ENCLOSURES



PC Enclosures - Mild Steel

- Material:
- | Enclosure, door, rear door, mounting compartment, supports: Mild steel
 - | Handles, decorative trim panels: Plastic
 - | Door trim panels: Aluminium
 - | Viewing window: Single-pane safety glass

- Surface finish:
- | Enclosure and door: Dipcoat primed, powder-coated on the outside, textured paint
 - | Mounting compartment, support: Powder-coated

- Supply includes:
- | Enclosure, door, rear door
 - | Glazed door, top
 - | Keyboard drawer
 - | Component shelf

- Colour:
- | Colour: Enclosure, door, decorative trim panels, supports: RAL 7035
 - | Handle: RAL 7015
 - | Monitor panel, door centre part: RAL 7015

- Protection category IP to IEC 60 529:
- | IP 55

- Protection category NEMA:
- | NEMA 12

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DESIGN
5366050	600	1,600	636	with glazed door at the top, keyboard drawer and component shelf
5366150	600	1,600	636	with glazed door at the top, folding keyboard and component shelf
5366250	600	1,600	636	with glazed door at the top, desk section and component shelf
5366350	600	1,600	636	with glazed door at the top, keyboard drawer, small mounting compartment and component shelf
5366450	600	1,600	636	with keyboard drawer and large mounting compartment
5368050	600	1,600	836	with glazed door at the top, keyboard drawer and component shelf
5386050	800	1,600	636	with glazed door at the top, keyboard drawer and component shelf



PC Enclosures - Stainless Steel

- Material:
- | Enclosure: Stainless steel 1.4301 (AISI 304), 1.5 mm
 - | Rear door: Stainless steel 1.4301 (AISI 304), 2.0 mm
 - | Gland plates: Stainless steel 1.4301 (AISI 304), 1.5 mm
 - | Monitor field: Single-pane safety glass, 4 mm

- Surface finish:
- | Brushed, grain 400

- Supply includes:
- | Enclosure, solid top and side
 - | Rear door with locking rod
 - | Component shelf
 - | Keyboard drawer with swing-down front for handrest and mouse pad support
 - | Lock insert, lock no 3524 E
 - | Bottom door with locking rod
 - | Gland plates, divided

- Protection category IP to IEC 60 529:
- | IP 55

- Protection category NEMA:
- | NEMA 12

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM
4650150	600	1600	630



RITTAL

aps

HYGIENIC DESIGN TERMINAL BOXES HD



Material:

- | Enclosure and cover: Stainless steel 1.4301 (AISI 304) 1.5 mm
- | Screw plug: Stainless steel
- | Seal: Silicone, compliant with FDA Guideline 21 CFR 177.2600

Surface finish

- | Enclosure and cover: Brushed, grain 400, peak-to-valley height < 0.8 µm
- | Seal: Blue, dyed (RAL 5010)

Supply includes

- | Enclosure of all-round solid construction
- | Cover with switch cut-out
- | Seal and screw plug (supplied loose)

Lock

- | Type of lock: Hygiene-compliant quick-release hexagon fastener
- | Number locks: 4

IP protection category to IEC 60 529

- | IP 66
- | IP X9

Protection category NEMA

- | NEMA 13
- | NEMA 3R
- | NEMA 4X

Type rating to UL 50E

- | Type 1, 3, 3X, 4, 4X, 12, 13

PART NUMBER HD	NO. OF SWITCH CUT-OUTS Ø 22.5 MM	WIDTH FRONT	WIDTH (REAR)	HEIGHT, FRONT	HEIGHT REAR	DEPTH
1681600	1	100 mm	122 mm	100 mm	122 mm	90 mm
1682600	2	100 mm	122 mm	160 mm	182 mm	90 mm
1683600	3	100 mm	122 mm	220 mm	242 mm	90 mm
1684600	4	100 mm	122 mm	280 mm	302 mm	90 mm
1686600	6	160 mm	182 mm	220 mm	242 mm	90 mm

Accessories

Cable Glands HD

PART NUMBER HD	DESIGN	THREAD	MIN. CABLE DIAMETER	MAX. CABLE DIAMETER
2410001	Standard	M12 x 1.5	3 mm	6.5 mm
2410011	Standard	M16 x 1.5	5 mm	10 mm
2410021	Standard	M20 x 1.5	6 mm	12 mm
2410031	Standard	M25 x 1.5	12 mm	17 mm



PART NUMBER	DESCRIPTION
4000100	Wall Spacer Bracket HD 50mm Long x 34mm dia pack of 1 Note: Replacement seals available on request.
2459500	Pressure relief stoppers



HYGIENIC DESIGN TERMINAL BOXES HD



Material:

- Enclosure and cover: Stainless steel 1.4301 (AISI 304) 1.5 MM
- Mounting bracket: Mild steel, zinc-plated, passivated, 2.0 mm
- Screw plug: Stainless steel
- Seal: Silicone, compliant with FDA Guidline 21 CFR 177.2600

Surface finish:

- Enclosure and cover: Brushed, grain 400, peak-to-valley height < 0.8 µm
- Seal: Blue, dyed (RAL 5010)

Supply includes:

- Enclosure of all-round solid construction
- Cover
- Mounting bracket (pre-assembled)
- Seal and screw plug (supplied loose)

Protection category IP to IEC 60 529:

- IP 66

Protection category IP to DIN 40 050-9:

- IP 69K

Protection category NEMA:

- NEMA 13
- NEMA 3R
- NEMA 4X

PART NUMBER HD	WIDTH FRONT MM	WIDTH REAR MM	HEIGHT FRONT MM	HEIGHT REAR MM	DEPTH MM	MOUNTING PLATE PACK OF 1	SUPPORT RAIL TS 35/7.5 PACK OF 10
1670600	150	172	150	172	80	1560700	2314000
1671600	150	177	150	177	120	1560700	2314000
1672600	200	227	200	227	120	1562700	2315000
1674600	300	327	200	227	120	1563700	2316000
1675600	400	427	200	227	120	1564700	2317000
1676600	400	427	300	327	120	1568700	2317000

Accessories

PART NUMBER	DESCRIPTION
4000100	Wall Spacer Bracket HD 50mm Long x 34mm dia pack of 1. Note: Replacement seals available on request.



HYGIENIC DESIGN COMPACT ENCLOSURES HD



Material:

- | Enclosure and door: Stainless steel 1.4301 (AISI 304)
- | Mounting plate: Mild steel

Lock inserts HD:

- | Stainless steel 1.4404 (AISI 316L)

Seal:

- | Silicone, compliant with FDA Guidline 21 CFR 177.2600

Surface finish:

- | Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8µm
- | Mounting plate: Zinc-plated
- | Seal: Blue, dyed (RAL 5010)

Supply includes:

- | Enclosure of all-round solid construction
- | Door with inserted seal
- | Door hinged on the

Protection category IP to IEC 60 529:

- | IP 66

Protection category IP to DIN 40 050-9:

- | IP 69K

Protection category NEMA:

- | NEMA 13
- | NEMA 4X

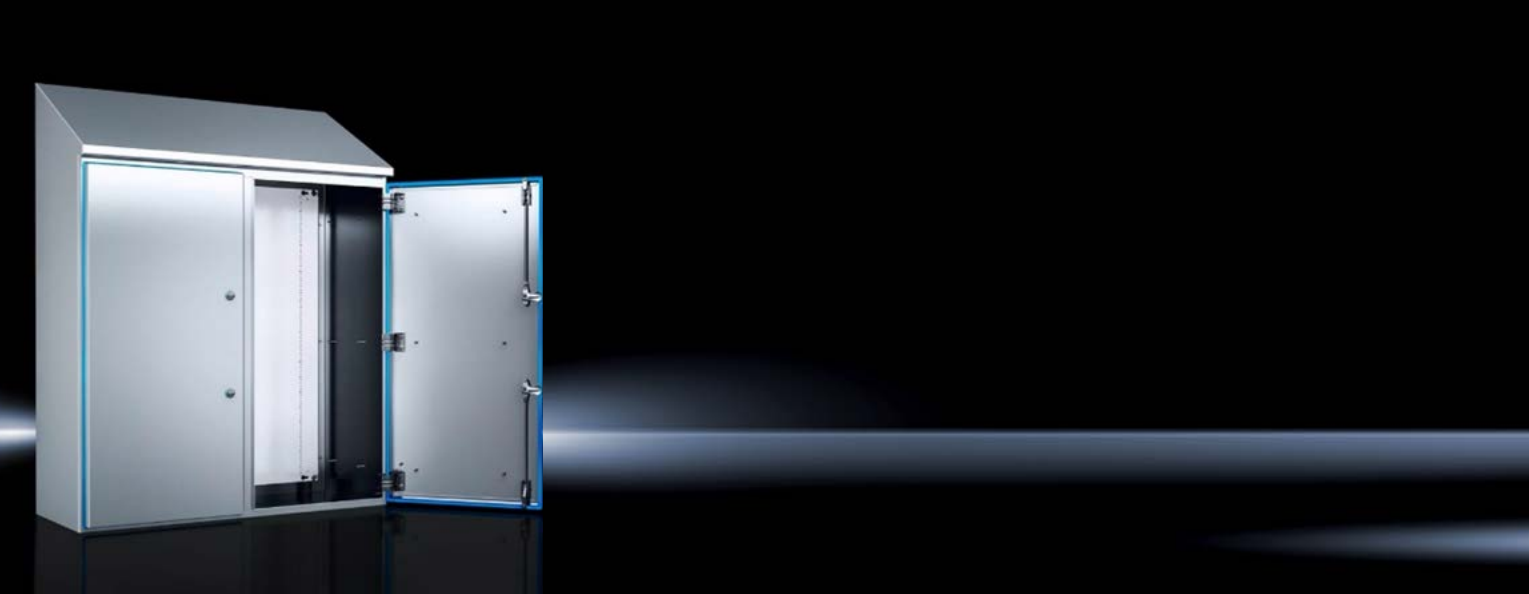
PART NUMBER HD	WIDTH FRONT MM	HEIGHT FRONT MM	HEIGHT REAR MM	DEPTH MM	MOUNTING PLATE WIDTH MM	MOUNTING PLATE HEIGHT MM	INTERNAL ASSEMBLY RAIL 4 PACK
1302600	220	350	437	155	162	275	
1306600	390	430	549	210	334	355	
1308600	390	650	769	210	334	570	5001050
1307600	510	550	669	210	449	470	
1320600	610	430	601	300	549	355	
1310600	610	650	769	210	549	570	5001050
1314600	810	430	549	210	749	355	
1315600	810	650	821	300	739	570	
1316600	810	1050	1221	300	739	955	5001052
1317600	810	1250	1421	300	740	1155	5001053

Accessories

PART NUMBER	DESCRIPTION
4000100	Wall Spacer Bracket HD 50mm Long x 34mm dia pack of 1. Note: Replacement seals available on request.
4000065	T handle HD
4000110	HD wall spacer bracket 150 mm
4000080	HD Viewing window, WHD: 518x436x23 mm. For the protection of switches or displays.



HYGIENIC DESIGN COMPACT ENCLOSURE HD, TWO-DOOR



Material:

- | Enclosure and door: Stainless steel 1.4301 (AISI 304)
- | Mounting plate: Mild steel

Lock inserts HD:

- | Stainless steel 1.4404 (AISI 316L)

Seal:

- | Silicone, compliant with FDA Guidline 21 CFR 177.2600

Surface finish:

- | Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8µm
- | Mounting plate: Zinc-plated
- | Seal: Blue, dyed (RAL 5010)

Supply includes:

- | Enclosure of all-round solid construction
- | Door with inserted seal
- | Mounting plate

IK Code:

- | IK08

IP protection category to IEC 60 529:

- | IP 66
- | IP X9

Protection category NEMA:

- | NEMA 13
- | NEMA 4X

PART NUMBER	WIDTH MM	HEIGHT, FRONT MM	HEIGHT REAR MM	DEPTH MM
1318600	1010 mm	1050 mm	1280 mm	400 mm
1319600	1010 mm	1250 mm	1480 mm	400 mm

Accessories

PART NUMBER	DESCRIPTION
4000100	Wall Spacer Bracket HD 50mm Long x 34mm dia pack of 1. Note: Replacement seals available on request.
4000065	T handle HD
4000110	HD wall spacer bracket 150 mm



HYGIENIC DESIGN SYSTEM ENCLOSURE HD



Material:

- Enclosure and door: Stainless steel 1.4301 (AISI 304)
- Lock inserts HD: Stainless steel 1.4404 (AISI 316L)
- Seal: Silicone, compliant with FDA Guidline 21 CFR 177.2600
- Mounting plate: Mild steel

Surface finish:

- Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8 µm
- Mounting plate: Zinc-plated
- Seal: Blue, dyed (RAL 5010)

Supply includes:

- Enclosure frame with welded rear panel gland plate
- Door with inserted seal
- Right hand door hinge with single-door enclosures, may be swapped to opposite side
- Mounting plate

Protection category IP to IEC 60 529:

- IP 66

Protection category DIN 40 050-9:

- IP 59K

	PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM
A	4000485*	400	1800	500
B	4000685	600	1800	500
C	4000885	800	1800	500
D	4000285	1200	1800	500

Accessories

	HD ANGLED ROOF 30° OPEN AT THE SIDES PACK OF 1
A	4000545*
B	4000565
C	4000585
D	4000525

Accessories for the above table

HD SIDE PANELS 1 PAIR	HD BAYING FRAME PACK OF 1	MOUNTING PLATE INFILL PACK OF 1	HD SIDE PANELS FOR ANGLED ROOF 1 PAIR WW
4000185*	4000785	4000508*	4000505*

*Customised/Extended delivery times

HYGIENIC DESIGN COMMAND PANEL AND PRINTER ENCLOSURE HD



Material:

- | Enclosure and door: Stainless steel 1.4301 (AISI 304)
- | Lock insert HD: Stainless steel 1.4404 (AISI 316L)
- | Viewing window: Polycarbonate
- | Seal: Silicone, compliant with FDA Guideline 21 CFR 177.2600
- | Viewing window: Polycarbonate

Surface finish:

- | Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8 µm
- | Seal: Blue, dyed (RAL 5010)

Supply includes:

- | Enclosure of all-round solid construction
- | Door with viewing window and inserted seal
- | R/h door hinge
- | Holder for desktop TFT with VESA 75/100 locator

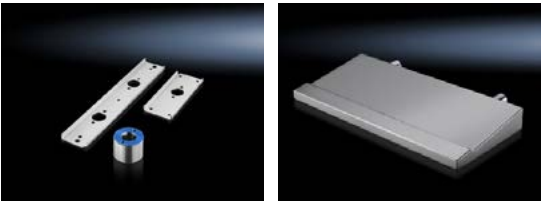
Protection category to IEC 60 529:

- | IP 66

	PART NUMBER	WIDTH MM	HEIGHT, FRONT MM	HEIGHT REAR MM	DEPTH MM
Command Panel	4000062	810	692	848	266
Printer Enclosure	4000064	810	863	888	496

Accessories

PART NUMBER	DESCRIPTION
4000066	HD connection components for command panels HD, printer enclosures HD
4000072	HD keyboard support



HYGIENIC DESIGN FIRE EXTINGUISHER ENCLOSURE HD



Material:

- | Enclosure and door: Stainless steel 1.4301 (AISI 304)
- | Mounting plate: Mild steel

Material:

- | Enclosure and door: Stainless steel 1.4301 (AISI 304)
- | Handle and lock: Stainless steel 1.4301 (AISI 304)
- | Viewing window: Polycarbonate

Seal:

- | Silicone, compliant with FDA Guideline 21 CFR 177.2600

Roof:

- | Angled forward by 30°

Surface finish:

- | Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8 µm
- | Seal: Blue, dyed (RAL 5010)

Supply includes:

- | Enclosure of all-round solid construction
- | Door with viewing window and inserted seal
- | Interchangeable door hinge
- | T handle with 3-point lock system

Protection category to IEC 60 529:

- | IP 66 / IP59K

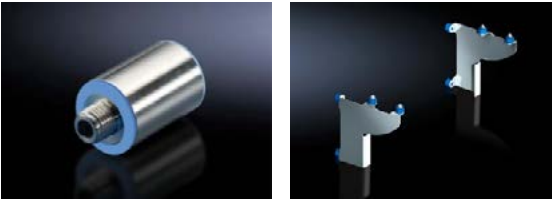
Protection category

- | IP 69K

PART NUMBER	WIDTH MM	HEIGHT, FRONT MM	HEIGHT REAR MM	DEPTH MM
4000075	390	840	1010	300

Accessories

PART NUMBER	DESCRIPTION
4000100	Wall Spacer Bracket HD 50mm Long x 34mm dia pack of 1. Note: Replacement seals available on request.
4000110	HD wall spacer bracket 150 mm





WALL MOUNTED ENCLOSURES CS



Material:

- | Enclosure: Aluminium AlMg3
- | Mounting plate: Aluminium, 2 mm

Surface finish:

- | Enclosure: Powder Coated, UV-resistant pure polyester
- | Mounting plate: Clear chromated

Supply includes:

- | Double-walled outdoor enclosure, fully preconfigured
- | Inner enclosure with mounting plate, gland plate and security lock
- | Mounting bracket for enclosure internal thermostat or hygostat
- | Outer enclosure with designer cover and security lock 3524 E
- | Two C rails on the rear panel

Colour:

- | RAL 7035
- | Protection category IP to IEC 60 529:
- | IP 55

Protection category NEMA:

- | NEMA 4

IK Code:

- | IK08

Double-walled

PART NUMBER	DESCRIPTION	WIDTH MM	HEIGHT MM	DEPTH MM
9791015	Inner	300	400	170
	Outer	370	522	210
9791025	Inner	350	440	170
	Outer	420	560	210
9791035	Inner	460	565	220
	Outer	530	700	265
9791045	Inner	580	580	333
	Outer	630	780	380

Top Accessories

PART NUMBER	DESCRIPTION	PACK OF
2584000	Pole Clamp	2
3110000	Enclosure Internal Thermostat	1
3118000	Hygostat	1

BASIC ENCLOSURES CS



Material:

- | Aluminium AlMg3
- | Surface finish:
- | Powder-coated
- | UV-resistant pure polyester

Supply includes:

- | Single-walled outdoor enclosure, fully preconfigured
- | Basic enclosure with gland plate, three-part
- | 25mm 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 screw-fastened trim panels front and rear
- | Rain canopy

Colour:

- | RAL 7035

Protection category IP to IEC 60 529:

- | IP 55

Protection category NEMA:

- | NEMA 3R

IK Code:

- | IK07

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

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	MOUNTING PLATE
9783530	600	1200	500	9765092
9783610	800	1200	500	9765095
9784540	1200	1200	500	9765191

Note: 19 inch mounting angles available. Please contact your APS Industrial sales representative for a quotation



Description

- 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, AIMg3

Rain canopy:

- Aluminium

Surface finish

- Powder-coated
- UV-resistant pure polyester

Colour

- RAL 7035

Protection category IP to IEC 60 529

- IP 55

Supply includes

- Double-walled outdoor enclosure, fully preconfigured
- 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 BJ 20027
- Side panels left and right
- Rear panel
- Rain canopy
- Base/plinth with screw-fastened gland plates and screw-fastened trim panels front and rear
- All enclosure panels are doubled and earthed (external wall onto internal wall)

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM	DESIGN
9888550	800 mm	1,800 mm	800 mm	With cut-out for outdoor cooling units
9888500	800 mm	1,800 mm	800 mm	-
9868550	800 mm	1,600 mm	800 mm	With cut-out for outdoor cooling units
9868500	800 mm	1,600 mm	800 mm	-
9828550	800 mm	1,200 mm	800 mm	With cut-out for outdoor cooling units
9828500	800 mm	1,200 mm	800 mm	-
9774510	600 mm	1,800 mm	600 mm	-

Accessories

PART NUMBER	DESCRIPTION	
3185330	Air Conditioner	CS BLUE E+, WALL MOUNTED 1500 W, AIMG3
9828110	CS adaptor plate for CS Toptec	To accommodate suitable fan-and-filter units with a climate control device cut-out.
3243100	Fan & Filter 230VAC 500m³/h	
3244100	Fan & Filter 230VAC 700m³/h	
3243200	Outlet Filter 323 x 323 mm	

The Ultimate In Efficiency



e+

Blue e+, Rittal's revolution in energy efficiency through innovative hybrid technology, utilising two parallel cooling circuits working together.

- | 75% energy saved due to inverter technology, demand-regulated components and heat pipe technology
- | Unique multi-voltage capability for world wide use
- | Intuitive operation via touch display
- | Identical mounting cut-out (external mounting, partial internal mounting and full internal mounting) for four output categories



RITTAL



aps

TOPTHERM FAN AND FILTER UNITS



Product description:

- Complete fan unit for tool-free mounting on surfaces. Air throughput from 20 - 700 m³/h, standard protection category IP 54.

Protection category IP to IEC 60 529:

- IP 54

Protection category NEMA:

- NEMA 12
- With additional hose-proof hood: the protection category would be improved to IP 56, NEMA 3 or NEMA 3R (for more details refer to the accessories section)

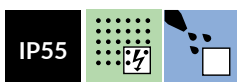
Air Throughout

FAN AND FILTER MAT	OUTLET FILTER	AIR FLOW RATE (M³/H) UNIMPEDED	EXTERNAL WIDTH MM	EXTERNAL HEIGHT (H1) MM	DEPTH (T2) MM	VOLTAGE (V) (50/60HZ)	RATED CURRENT A
3237100	3237200	20/25	116.5	116.5	43	230	0.065/0.052
3237110	3237200	20/25	116.5	116.5	43	115	0.12/0.10
3237124	3237200	20	116.5	116.5	43	24 (DC)	0.125
3238100	3238200	55/66	148.5	148.5	58.5	230	0.12/0.11
3238110	3238200	55/66	148.5	148.5	58.5	115	0.24/0.22
3238124	3238200	55	148.5	148.5	58.5	24 (DC)	0.23
3239100	3239200	105/120	204	204	90	230	0.12/0.11
3239110	3239200	105/120	204	204	90	115	0.24/0.22
3239124	3239200	105	204	204	90	24 (DC)	0.23
3240100	3240200	180/160	255	255	107	230	0.21/0.19
3240110	3240200	180/160	255	255	107	115	0.42/0.38
3240124	3240200	180	255	255	107	24 (DC)	0.43
3241100	3240200	230/250	255	255	107	230	0.26/0.24
3241110	3240200	230/250	255	255	107	115	0.52/0.48
3241124	3240200	230	255	255	107	24 (DC)	0.78
3243100	3243200	550/600	323	323	118.5	230	0.37/0.39
3243110	3243200	550/600	323	323	118.5	115	0.75/0.80
3244100	3243200	700/770	323	323	130.5	230	0.43/0.60
3244110	3243200	700/770	323	323	130.5	115	0.9/1.25
3244140	3243200	700/770	323	323	130.5	400/460	0.17/0.21

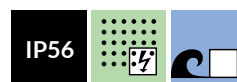
Note: We reserve the right to make technical modifications, EC & EMC fans/filters available



Standard fan/filter



Fan/filter with fine filter



Fan/filter with fine filter mat and hose proof hood

ROOF MOUNTED FILTER FANS



Product description:

The new generation of roof-mounted fans is one system for all sizes. Only one mounting cut-out is needed for all output categories. Air routing with minimal pressure losses ensures a high level of efficiency, while an innovative clamping attachment supports a high protection category of IP55.

Protection category IP to IEC 60 529:

- IP 21 without filter mat
- IP 55 including filter mat

Protection category NEMA:

- NEMA 12

Air Throughput, Unimpeded Air Flow 500 - 873 m³/h

FAN AND FILTER MAT	OUTLET FILTER	AIR FLOW RATE (M3/H) UNIMPEDED	WIDTH MM	HEIGHT MM	DEPTH MM	VOLTAGE (V) (HZ)	RATED CURRENT A
3138000	3243200	-	400	133	400	-	-
3139100	3243200	417 / 446	400	133	400	230, 1~, 50/60	0.22 / 0.27
3139110	3243200	417 / 446	400	133	400	115, 1~, 50/60	0.43 / 0.55
3140100	3243200	725 / 759	400	133	400	230, 1~, 50/60	0.43 / 0.56
3140110	3243200	725 / 759	400	133	400	115, 1~, 50/60	0.88 / 1.17
3140140	3243200	700 / 749	400	133	400	400, 3~, 50/60 460, 3~, 60	0.17 / 0.19

WALL MOUNTED COOLING UNITS



Product description:

SK Blue e cooling unit, wall-mounted, 0.36-3.95 kW, 230/115/400/460 V, 1/3~, 50/60 Hz, sheet steel/stainless steel (304)

Protection category IP to IEC 60 529:

External circuit: IP 34
Internal circuit: IP 54

Operating temperature range (environment):

+10°C...+55°C

Refrigerant/cooling medium:

R134a



MILD STEEL		STAINLESS STEEL		COOLING OUTPUT (W)*	WIDTH MM	HEIGHT MM	DEPTH MM	OPERATING VOLTAGE (V) (50/60HZ)
BASIC CONTROL	COMFORT CONTROL	BASIC CONTROL	COMFORT CONTROL					
3302100	-	3302200	-	360	280	550	140	230
3302110	-	3302210	-	360	280	550	140	115
-	3303500	-	3303600	550	280	550	210	230
-	3303510	-	3303610	660	280	550	210	115
-	3361500	-	3361600	850	280	550	206	230
-	3361510	-	3361610	890	280	550	206	115
-	3361540	-	3361640	850	280	550	206	400
-	3304500	-	3304600	1100	400	950	260	230
-	3304510	-	3304610	1100	400	950	260	115
-	3304540	-	3304640	1100	400	950	260	400/460
-	3305500	-	3305600	1600	400	950	260	230
-	3305510	-	3305610	1600	400	950	260	115
-	3305540	-	3305640	1600	400	950	260	400/460
-	3328500	-	3328600	2200	400	1580	295	230
-	3328510	-	3328610	2200	400	1580	295	115
-	3328540	-	3328640	2200	400	1580	295	400/460
-	3329500	-	3329600	2550	400	1580	295	230
-	3329510	-	3329610	2550	400	1580	295	115
-	3329540	-	3329640	2550	400	1580	295	400/460
-	3332540	-	3332640	3950	500	1580	340	400/460

WALL MOUNTED COOLING UNITS BLUE E+



Product description:

SK Blue e+ cooling unit, wall-mounted, 1.6 – 6.00 kW,
110-240 V, 1~, 380-480 V, 3~, 50-60 Hz, sheet steel/stainless steel (304)

Protection category IP to IEC 60 529:

Internal circuit IP 55

Operating temperature range (environment):

-20°C...+60°C

Refrigerant/cooling medium:

R134a

*Total cooling output 50Hz L35 L35 to DIN EN 14511



MILD STEEL	STAINLESS STEEL	COOLING OUTPUT (W)*	WIDTH MM	HEIGHT MM	DEPTH MM	OPERATING VOLTAGE (V)
3185830	3185530	1600	400	950	310	110 - 240, 1~, 50/60 380 - 480, 3~, 50/60
3186930	3186630	2000	450	1600	294	110 - 240, 1~, 50/60 380 - 480, 3~, 50/60
3187930	3187630	2600	450	1600	294	110 - 240, 1~, 50/60 380 - 480, 3~, 50/60
3188940	3188640	4200	450	1600	294	380 - 480, 3~, 50/60
3189940	3189640	5800	450	1600	294	380 - 480, 3~, 50/60

TOPTHERM WALL-MOUNTED COOLING UNIT BLUE E



Product Description:

Energy-efficient Blue e wall-mounted cooling 0.5-2.5kW with integral e-Comfort controller, RiNano coating on the condenser, electric condensate evaporation, Mild Steel RAL 7035, Outdoor Mounting

Operating temperature range (environment):

-20 °C...+50 °C

Refrigerant/cooling medium:

R134a



Protection category:

UL Type 3R/4, 12. Suitable for outdoor use. May be linked to the IoT interface via the Blue e IoT adaptor

TopTherm wall-mounted cooling unit Blue e, UL Type 3R/4 Total cooling output 0.50 – 2.50 kW

MODEL NO. COMFORT CONTROLLER	TOTAL COOLING OUTPUT W L35 L35 AT 50 HZ	TOTAL COOLING OUTPUT W L35 L35 AT 60 HZ	WIDTH MM	HEIGHT MM	DEPTH MM	RATED OPERATING VOLTAGE (V - HZ)
3303508	460	550	285	620	298	230 V, 1~, 50 Hz/60 Hz
3303518	-	550	285	620	298	115 V, 1~, 60 Hz
3304508	1100	1260	405	1020	358	230 V, 1~, 50 Hz/60 Hz
3304518	1100	1260	405	1020	358	115 V, 1~, 50 Hz/60 Hz
3304548	1150	1300	405	1020	358	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
3305508	1530	1840	405	1020	358	230 V, 1~, 50 Hz/60 Hz
3305518	1530	1840	405	1020	358	115 V, 1~, 50 Hz/60 Hz
3305548	1490	1700	405	1020	358	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
3329508	2510	2880	405	1650	388	230 V, 1~, 50 Hz/60 Hz
3329518	2510	2880	405	1650	388	115 V, 1~, 50 Hz/60 Hz
3329548	2430	2570	405	1650	388	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz

WALL MOUNTED COOLING UNITS NEMA 4X



Product description:

| Energy-efficient Blue e wall-mounted cooling, 0.5-2.5 kW, 230/115/400/460 V, 1/3~, 50/60 Hz, stainless steel (316L), e-Comfort controller integrated as standard, RiNano coating on the condenser, electrical condensate evaporation.

Protection category NEMA:

| NEMA 4X

Operating temperature range (environment):

| +10°C...+55°C

Refrigerant/cooling medium:

| R134a



*Total cooling output 50Hz L35 L35 to DIN EN 14511

TopTherm wall-mounted cooling unit Blue e, UL Type 3R/4 Total cooling output 0.50 – 2.50 kW

PART NUMBER COMFORT CONTROLLER	COOLING OUTPUT (W)*	WIDTH MM	HEIGHT MM	DEPTH MM	RATED OPERATING VOLTAGE (V - HZ)
3303504	550	285	620	298	230 - 50/60
3303514	660	285	620	298	115 - 60
3304504	1100	405	1020	358	230 - 50/60
3304514	1100	405	1020	358	115 - 50/60
3304544	1100	405	1020	358	400 - 50/460 - 60
3305504	1600	405	1020	358	230 - 50/60
3305514	1600	405	1020	358	115 - 50/60
3305544	1600	405	1020	358	400 - 50/460 - 60
3328504	2200	405	1650	388	230 - 50/60
3328514	2200	405	1650	388	115 - 50/60
3328544	2200	405	1650	388	400 - 50/460 - 60
3329504	2550	405	1650	388	230 - 50/60
3329514	2550	405	1650	388	115 - 50/60
3329544	2550	405	1650	388	400 - 50/460 - 60

ROOF MOUNTED COOLING UNITS



Product description:

| SK Blue e cooling unit, Roof-mounted, 0.55-3.8 kW, 230/115/400/460 V, 1/3~, 50/60 Hz, sheet steel, nano-coated condenser, integrated electric condensate evaporation

Protection category IP to IEC 60 529:

| External circuit IP 34
| Internal circuit IP 54

Operating temperature range (environment):

| +10°C...+55°C

Refrigerant/cooling medium:

| R134a

Product description:

| Blue e+ cooling unit, Roof-mounted, 1.3 kW, 110 V - 240 V, 380 V - 480 V 1/3~, 50/60 Hz, sheet steel, pleated filter, fully wired ready for connection

Protection category IP to IEC 60 529:

| External circuit IP 54 with pleated filter
| Internal circuit IP 54 with pleated filter

Operating temperature range (environment):

| -20°C...+55°C

Refrigerant/cooling medium:

| R134a



Total cooling output 50Hz L35 L35 to DIN EN 14511

MILD STEEL COMFORT CONTROL	STAINLESS STEEL COMFORT CONTROL	COOLING OUTPUT (W)*	WIDTH MM	HEIGHT MM	DEPTH MM	OPERATING VOLTAGE (V) (50/60HZ)
Blue e						
3382500	3382600	550	597	417	380	230
3382510	3382610	550	597	417	380	115
3273500	-	1100	597	417	475	230
3359500	3359600	770	597	417	380	230
3359510	3359610	770	597	417	380	115
3359540	3359640	770	597	417	380	400
3383500	3383600	1000	597	417	475	230
3383510	3383610	1000	597	417	475	115
3383540	3383640	1000	597	417	475	400
3384500	3384600	1500	597	417	475	230
3384510	3384610	1500	597	417	475	115
3384540	3384640	1500	597	417	475	400
3385500	3385600	2000	597	417	475	230
3385510	3385610	2000	597	417	475	115
3385540	3385640	2000	597	417	475	400
3386540	3386640	3000	796	470	580	400/460
3387540	3387640	3800	796	470	580	400/460
Blue e+						
3185730	-	1300	700	308	560	110 - 240, 1~ 380 - 480, 3~

TOPTHERM AIR/AIR HEAT EXCHANGERS



Temperature Control:

- | Electronic Control with digital display (factory setting +35 °C)

Colour:

- | RAL 7035

Protection category IP to IEC 60 529:

- | Internal circuit IP 54

Supply includes:

- | Complete unit ready for connection
- | Plug-in terminal strip
- | Floating fault signal contact in case of over temperature

MODEL	MOUNTING		THERMAL OUTPUT W/K	AIR THROUGHPUT (UNIMPEDED) M³/H	DIMENSIONS MM			IP/NEMA RATING
	WALL	ROOF			W	H	D	
3126100	X		17.5	265	280	550	150	54
3127100	X		30	480	400	950	205	54
3128100	X		45	600	400	950	205	54
3129100	X		60	860	400	950	225	54
3130100	X		90	850	400	1580	215	54
3248000		X	66	965	595	362	440	54

AIR/WATER HEAT EXCHANGERS



Description:

- Output classes 375 – 7,000 W. For use in tough environments.
- Convenient mounting options and flexible water connection options.
- Partial or full internal mounting possible.

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 55*

Supply includes:

- Fully wired ready for connection (plug-in terminal strip)
- Drilling template
- Sealing and assembly parts

Note: Integral non-return valve for version with e-Comfort controller

MODEL	MOUNTING		WATER-CARRYING PARTS		TEMPERATURE CONTROLLER			TOTAL COOLING OUTPUT L35 W10 (KW)		DIMENSIONS MM			IP/NEMA RATING
	WALL	ROOF	COPPER/BRASS	STAINLESS STEEL	THERMOSTAT-CONTROLLED MAGNETIC VALVE	BASIC	E-COMFORT	200 L/H	400 L/H	W	H	D	
3212024	X		X					0.3		150	300	85	55
3212230	X		X					0.3		150	300	85	55
3363100	X		X			X			0.5	280	550	120	55
3363500	X		X				X		0.5	280	550	120	55
3214100	X		X		X			0.6	0.7	200	500	100	55
3364504	X			X			X		0.95	280	550	120	55
3364100	X		X			X			1	280	550	120	55
3364500	X		X				X		1	280	550	120	55
3215100	X		X		X			1.25	1.3	200	950	100	55
3373100	X		X			X			2	400	950	145	55
3373500	X		X				X		2	400	950	145	55
3374504	X			X			X		2.8	400	950	145	55
3374100	X		X			X			3	400	950	145	55
3374500	X		X				X		3	400	950	145	55
3375504	X			X			X		4.5	450	1400	220	55
3375100	X		X			X			5	450	1400	220	55
3375500	X		X				X		5	450	1400	220	55
3216480	X				X				7*	450	1800	300	55
3214700	X			X	X			0.6	0.65	220	526	100	4X
3215700	X			X	X			1	1.2	215	982	100	4X
3209504		X		X			X		1.88	597	417	475	55
3209100		X	X			X			2.5	597	417	475	55
3209500		X	X				X		2.5	597	417	475	55
3210504		X		X			X		3	597	417	475	55
3210100		X	X			X			4	597	417	475	55

CHILLER BLUE E+



Product description:

- | Blue e+ chillers ensure centralised and efficient cooling of liquid media with a high level of temperature accuracy and innovative DC inverter technology
- | Suitable for international use due to unique multi-voltage capability (without rewiring) and high operating limits
- | Maximum reliability thanks to integral overflow valve and monitoring sensors

- | Intuitive operation due to touch display and intelligent interfaces
- | Compact and modular layout ensures minimum footprint
- | Pumps with highly efficient IE3 motors

Operating temperature range (environment):

- | +5°C...+50°C

Refrigerant/cooling medium:

- | R134a



PART NUMBER	COOLING OUTPUT (W)*	WIDTH MM	HEIGHT MM	DEPTH MM	RATED OPERATING VOLTAGE (V - HZ)
3320200	2500	400	820	670	380 - 450, 3~, 50 440 - 480, 3~, 60
3334300	4000	450	820	670	380 - 450, 3~, 50 440 - 480, 3~, 60
3334400	6000	450	1000	670	380 - 450, 3~, 50 440 - 480, 3~, 60

ENCLOSURE HEATERS



Product description:

- | SK Enclosure PTC heater, 8- 150 W without fan, 250-800 W with fan, 110-240 V, 1~, 50/60 Hz, with quick connection terminal
- | Special voltages available on request
- | For precise temperature control inside the enclosure, we recommend the enclosure internal thermostat or the digital enclosure internal temperature display and thermostat.

| In order to prevent condensation on assembly, a hygrostat is recommended to regulate heating.

Without Fan-Continuous Thermal Output 8-150 W

PART NUMBER	OPERATING THERMAL OUTPUT (W @ TU=10°C)	WIDTH MM	HEIGHT MM	DEPTH MM	OPERATING VOLTAGE (50/60HZ)	PRE-FUSE T
3105310	8 - 10	45	120	46	110-240V	2A
3105320	18 - 20	45	120	46	110-240V	2A
3105330	23 - 30	64	155	56	110-240V	4A
3105340	49 - 50	64	155	56	110-240V	4A
3105350	63 - 75	64	230	56	110-240V	4A
3105360	86 - 100	90	165	75	110-240V	4A
3105370	130 - 150	90	180	75	110-240V	4A

With Fan-Continuous Thermal Output 250-800 W

PART NUMBER	OPERATING THERMAL OUTPUT (W @ TU=10°C)	WIDTH MM	HEIGHT MM	DEPTH MM	OPERATING VOLTAGE (50/60HZ)	PRE-FUSE T
3105410	250	103	200	103	110	4A
3105380	250	103	200	103	230	4A
3105420	400	103	200	103	110	6A
3105390	400	103	200	103	230	6A
3105430	800	103	200	103	110	10A
3105400	800	103	200	103	230	6A

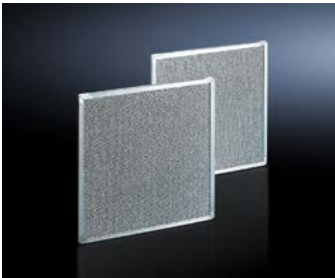
CLIMATE CONTROL ACCESSORIES

Filter Mats (for cooling units)



PART NUMBER	UNIT	DIMENSIONS MM	PACK OF
3286110	3302300/ 3302310	190 x 95 x 10	3
3286300	3302.../ 3303.../ 3361...	265 x 200 x 10	3
3286400	3304.../ 3305.../ 3328.../ 3329.../ 3332.../ 3366...	344 x 268 x 10	3
3286500	3273.../ 3382.../ 3383.../ 3384.../ 3385.../ 3359...	530 x 255 x 10	3
3286600	3386.../ 3387...	720 x 300 x 10	3
3253010	3377...	205 x 210 x 10	3
3285900	3186930 / 3187930 / 3188940 / 3189940	380 x 358 x 10	3

Metal Filters (for cooling units)



PART NUMBER	UNIT	DIMENSIONS MM	PACK OF
3286120	3302300/ 3302310	190 x 95 x 10	1
3286310	3302100 / 3302110 / 3303.../ 3361...	265 x 200 x 10	1
3286410	3304.../ 3305.../ 3328.../ 3329.../ 3332.../ 3366...	344 x 268 x 10	1
3286510	3273.../ 3382.../ 3383.../ 3384.../ 3385.../ 3359...	530 x 255 x 10	1
3286610	3386.../ 3387...	720 x 300 x 10	1
3253220	3377...	255 x 200 x 10	1
3285910	3186930 / 3187930 / 3188940 / 3189940	380 x 358 x 10	1

Spare Filter Mats (for fan/outlet filter)



PART NUMBER	FAN AND FILTER UNIT	FILTER CLASS DIN EN 779	PACK OF
3321700	3237...	G2	5
3322700	3238...	G2	5
3171100	3239...	G3	5
3172100	3240.../ 3241...	G3	5
3173100	3243.../ 3244...	G3	5
3174100	3138.../ 3139.../ 3140...	G3	12

Fine Filter Mats (for fan/outlet filter)



PART NUMBER	FAN AND FILTER UNIT	FILTER CLASS DIN EN 779	PACK OF
3238055	3238...	F5	5
3181100	3239...	F5	5
3182100	3240.../ 3241	F5	5
3183100	3243.../ 3244.../ 3245...	F5	5

CLIMATE CONTROL ACCESSORIES

IoT Interface

The IoT interface is used to link Rittal components such as Blue e+ cooling units, Blue e+ chillers, smart monitoring systems etc. to the customer's own monitoring and/or energy management systems. Data may be integrated both horizontally and vertically into data collectors and processors, to allow the long-term logging and evaluation of device data, statuses and system messages.

PART NUMBER	WIDTH MM	HEIGHT MM	DEPTH MM
3124300	18	117	120



Hose Proof Hood (for TopTherm fans and filter units)

Hose proof hood Stainless Steel (304) for TopTherm Fan and Filter units IP 56 when fitted over fan-and-filter unit/outlet filter with filter mat

PART NUMBER	FOR FAN AND FILTER UNIT	WIDTH MM	HEIGHT MM	DEPTH MM
3237080	3237...	150	230	40
3238080	3238...	176	245	55
3239080	3239...	233	330	55
3240080	3240.../ 3241...	282	390	85
3243080	3243.../ 3244...	350	480	110
3245080	3245...	350	480	160



Control Regulation (for TopTherm fans and filter units)

PART NUMBER	DESCRIPTION	PACK OF
3110000	Thermostat	1
3118000	Hygostat	1

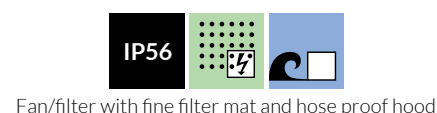


Air Duct System (for roof-mounted cooling units)

PART NUMBER	FOR UNIT	PACK OF
3286870	3209.../ 3210.../ 3273.../ 3359.../ 3382.../ 3383.../ 3384.../ 3385...	1
3286970	3386.../ 3387...	1

Metal Louvres

PART NUMBER	FOR UNIT	PACK OF
2541235	LOUVRE PLATE 160X110MM RAL7035	4
XAURWB504	S/S LOUVRE PLATE 126W X 114H	1



**RITTAL**



Modular system

- | For low-voltage switchgear with design verification to IEC 61 439-1/-2
- | For control systems and power distributors
- | Structured system solution for switch gear with Form separation 1-4b
- | Simple, installation-friendly configuration of the system



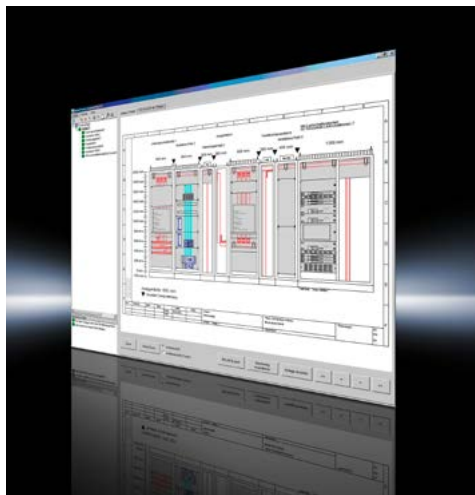
Busbar systems up to 5500 A

- | RiLine - The compact busbar system up to 1600 A
- | Maxi-PLS - The assembly-friendly system
- | Flat-PLS - The flat busbar system for discerning requirements
- | Tested PE conductor system



Modular enclosure system

- | Based on enclosure platform TS 8
- | Flexible, modular front design
- | Roof plates to suit most requirements
- | Modular compartment configuration for internal compartmentalisation up to Form 4b
- | Internal cover plates, contact hazard protection for NH fuse-switch-disconnector sections Form 2b
- | Accessories for Ri4Power



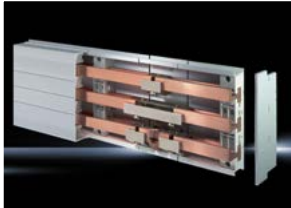
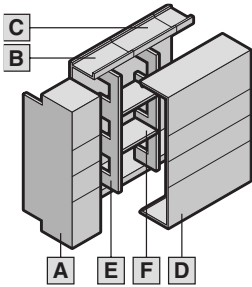
Simple planning

- | Rittal Power Engineering with update function
- | Configuration of low-voltage switchgear with design verification
- | Simple, fast assembly with automatically generated assembly plan
- | Generation of parts list with graphical output

RILINE ACCESSORIES

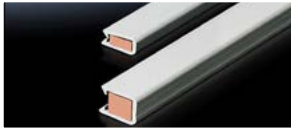
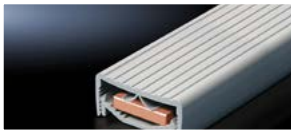
RiLine Busbar Assembly

DESIGNATION	DESCRIPTION	SUB-DESCRIPTION	QTY /PACK	800A FLAT CU, 30X10 PART NUMBER	1600A PLS CU PART NUMBER
	Busbar support	3P	4	9340000	9342000
	Busbar support	4P	4	9340004	9342004
A	End covers	3P	2	9340070	9342070
A	End covers	4P	2	9340074	9342074
B	Base tray, 1100mm	3P	2	9340130	9342130
B		4P	2	9340134	9342134
D	Cover sections, 1100mm	3P	2	9340210	9340210
D	Cover sections, 1100mm	4P	2	9340214	9340214
E	Support panels	3P	5	9340220	9340220
E	Support panels	4P	5	9340224	9340224



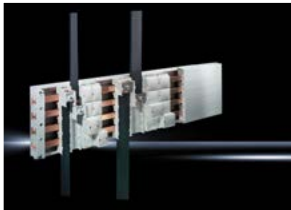
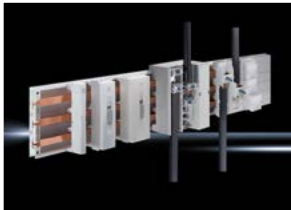
PLS Special Cu Busbars, 1600A

RATING	DESCRIPTION	LENGTH	QUANTITY/PACK	PART NUMBER
1600A	PLS cu busbars	L = 1750 mm	1	9675240
1600A	PLS cu busbars	L = 1950 mm	1	9675242
1600A	PLS cu busbars	L = 2400 mm	1	3516000
	Busbar sleeves, 30x10, 1M		4	3092000
	Busbar sleeves, 60x10, 1M		2	3085000



Cable Connection Adaptors

RATING	DESCRIPTION	QUANTITY/ PACK	PART NUMBER
63A, 3P	63A, 690V Top connect, 2.5-10mm ² Round Conductor	1	9342200
63A, 3P	63A, 690V Bottom connect, 2.5-10mm ² Round Conductor	1	9342210
125A, 3P	125A, 690V Top/Bottom connect, 10-35mm ² Round, clamping area 10 x 7.8 mm	1	9342240
250A, 3P	250A, 690V Top/Bottom connect, 35-120mm ² , clamping area 18.5 x 15.5 mm	1	9342270
600A, 3P	600A, 690V Top/Bottom connect, 35-240mm ² , clamping area 24 x 21 mm	1	3439010
800A, 3P	800A, 690V Top/Bottom connect, 95-300mm ² , clamping area 33 x 20 mm	1	9342280
800A, 1P	800A, 690V Expansion set to make 4P 95-120mm ² , clamping area 33 x 21/26 mm	1	9342314
1600A, 3P	1600A, 690V Top/Bottom connect, 65 x 27 x 5 mm, clamping area 65 x 22 x 10 mm	1	9342320
1600A, 1P	1600A, 690V Expansion set to make 4P 65 x 22/27mm	1	9342324



MCCB Adaptors

RATING	DESCRIPTION	QUANTITY/ PACK	PART NUMBER
100A, 3P	100A Bottom connect, 10 - 35 mm ² , 10 x 7.8mm Cu	1	9342410
125A, 3P	125A Bottom connect, 35 - 120 mm ² , 18.5 x 15.5mm Cu	1	9342550
160A, 3P	160A Bottom connect, 35 - 120 mm ² , 18.5 x 15.5mm Cu	1	9342510
250A, 3P	250A Bottom connect, with copper connection tails	1	9345610
400A, 3P	400A Bottom connect, with copper connection tails	1	9345730
630A, 3P	630A Bottom connect, with copper connection tails	1	9345710



RILINE ACCESSORIES

Overload Motor (OM) Adaptors



RATING	DESCRIPTION	QUANTITY/ PACK	PART NUMBER
16A, 3P	16A OM Adaptor with connection cables, 45W x 272H, AWG 12	1	9340760
25A, 3P	25A OM Adaptor with connection cables, 45W x 208H, AWG 12	1	9340320
32A, 3P	32A OM Adaptor with connection cables, 45W x 272H, AWG 10	1	9340770
32A, 3P	32A OM Adaptor with connection cables, 55W x 208H, AWG 10	1	9340470
40A, 3P	40A OM Adaptor with connection cables, 55W x 272H, AWG 8	1	9340730
40A, 3P	40A OM Adaptor with connection cables, 75W x 208H, AWG 8	1	9340710
65A, 3P	65A OM Adaptor with connection cables, 55W x 272H, AWG 6	1	9340450
65A, 3P	65A OM Adaptor with connection cables, 75W x 208H, AWG 6	1	9340700

Overload Motor (OM) Accessories

DESCRIPTION	QUANTITY/PACK	PART NUMBER
Connection pin	20	9340280
Insert strip	2	9340290
Sliding blocks	6	9342640
Connection brackets	3	9342570

RiLine Accessories

Conductor Connection Clamps

BAR THICKNESS	DESCRIPTION	QTY/PACK	PART NUMBER
10mm	Conductor connection clamps, Push In 1.5-16 mm ²	10	3456505
	Laminated flexible copper bar 415A, W:15,5 x H:4,8 mm, L: 2000 mm	1	3568005
	Laminated flexible copper bar 605A, W:24 x H:5 mm, L: 2000 mm	1	3571005
	Laminated flexible copper bar 920A, W:24 x H:10 mm, L: 2000 mm	1	3572005
	Laminated flexible copper bar 1155A, W:32 x H:10 mm, L: 2000 mm	1	3574005
	Laminated flexible copper bar 1635A, W:50 x H:10 mm, L: 2000 mm	1	3578005
	Universal support, for laminated copper bar, WH: 20x5-63x10 mm	3	3079000
	Busbar support, 2-pole, 60 mm bar centre distance, for busbar WH: 12x5 - 30x10 mm, E & N	4	9340040

Note: All above items are indent products (2-3 weeks via air freight)





National Distribution Partnership

APS Industrial are National Distributors of Rittal products and solutions in Australia and provide local access to the extensive range. This includes sole Australian distribution rights for Rittal's Ri4Power type-tested modular switchboard system.



ENCLOSURES

Rittal offer an efficiently engineered enclosure system for all applications backed by a comprehensive range of accessories and tested product quality for exacting requirements.



POWER DISTRIBUTION

Rittal power distribution solutions range from busbars and component adaptor systems, to configured baying systems for low voltage switchgear and controls with design verifications.



RI4 POWER MODULAR SWITCHBOARD

APS Industrial are the exclusive distribution partner for Rittal's IEC verified, Ri4Power modular switchboard system.



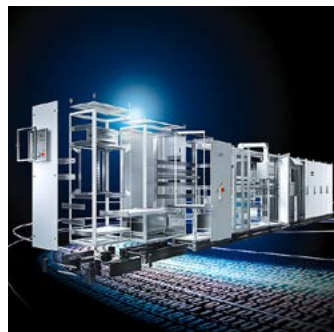
CLIMATE CONTROL

When it comes to flexible systems to meet your climate control needs, Rittal offer professional design, user friendly software and apps as well as international approvals and certifications.



SYSTEM ACCESSORIES

When it comes to system accessories for maximum flexibility, Rittal from APS Industrial has a comprehensive range of packaging technology elements for the factory of the future.



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Rittal's comprehensive solutions offering for panel building and switchgear engineering is a one-stop-shop ranging from manual tools to fully automated mechanical engineering.



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APS Industrial offers a range of customised, value-add Rittal software and service solutions for the planning, project management, configuration and monitoring of network architectures.



IT SOLUTIONS

From the outset, your data centre will meet all your company's requirements. Security, availability, energy efficiency, infrastructure optimisation: you determine your priority areas.

Extensive Local Stockholdings

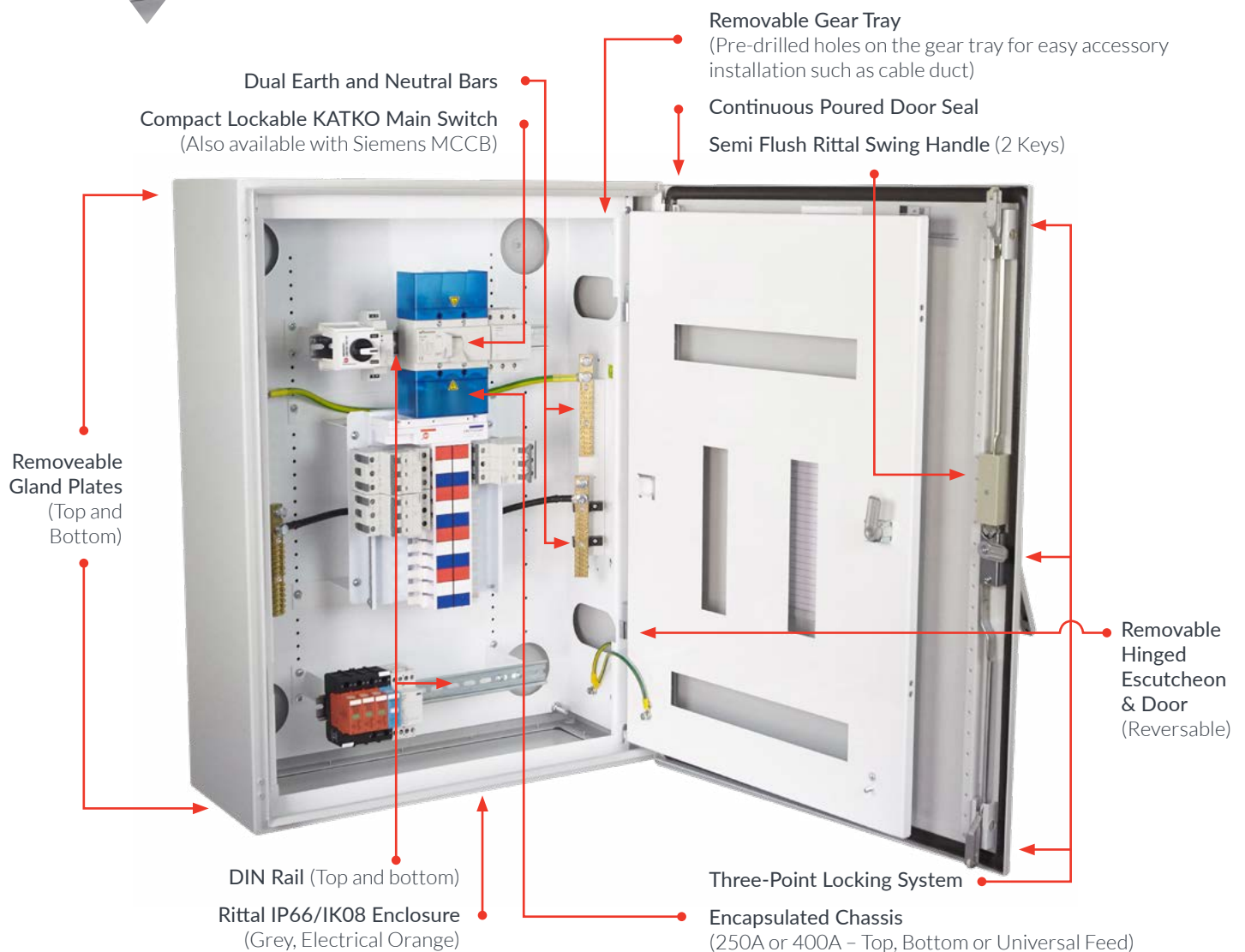
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Custom designed for the demands
of Australian industry

DB Ultimate distribution boards are purpose-built for Siemens circuit breakers and feature an enclosure by the world's leading supplier of innovative enclosure technology, Rittal.

Quality | Flexibility | Compliance | Intelligence



Enclosure by **RITTAL** and featuring **SIEMENS** **KATKO** **Weidmüller**



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National footprint with strategic local stockholdings.

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apsindustrial.com.au

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