ProLine

PROLINE INDUSTRIAL PACKAGES, TYPE 12

INDUSTRY STANDARDS

UL 508A Listed; Type 12; File Number E61997

IEC 60529, IP55
CE, IEC 62208
VDE IP55
NEMA/EEMAC Type 12
CSA File Number 42186 Type 12

APPLICATION

- Industrial controls (Drives, PLC, DCS, SCADA, VFD)
- Networking in industrial environments
- Electrical panels
- Equipment protection
- Power distribution
- HMI controls
- EMI/EMC (Electromagnetic interference/compatibility)
- applications
- Many others

SCOPE OF DELIVERY

ProLine Industrial Packages supply includes:

- Frame
- Hidden hinged door(s)
  - single bay - with 3 mm double tongue lock
  - double bay - overlapping with swing handle and key lock
- Mounting plate
- Bottom plate with gland plates
- Rear wall
- Solid top
- 4 eyebolts (lifting eyes)
- Grounding hardware for mounting plate

*side covers and base need to be ordered separately.

FEATURES

- Frames are a roll-formed, robotically welded with solid steel, fully welded corners; accommodates 25 mm DIN standard
- Standard door bars increase strength and rigidity and allow for an extra mounting options
- Seamless foam-in-place gasket provides a protective seal against moisture and contaminants
- Gasket and latching system together ensure a solid seal with low closure force
- Reversible door, left hinged as a default, with 130-degree swing
- Galvanized mounting plates
- Capped ground studs on door, rear and top panel.
- Integral frame channels support the full weight of the mounting plates

SPECIFICATIONS

- Frame thickness 2,5 mm carbon steel powder painted
- Door thickness 1,5 - 2,0 mm, carbon steel powder painted – for details please check reference tables
- Mounting panel 2,5 mm on single bay, 3,0 mm on double bay, galvanized steel
- Rear panel & solid top 1,5 mm, carbon steel powder painted

FINISH

Color RAL 7035 textured light gray.

ProLine Industrial Packages, Type 12

STANDARD PRODUCT, HEIGHT 1400/1600 [mm]

Item number	Nominal Size H x W x D [mm]	Size H1 x W1 x D1 [mm]	Mounting Plate Size H x W [mm]	Door(s)	Door thickness [mm]	Frame
PP1465	1400 x 600 x 500	1384 x 599 x 499	1285 x 530	1	1.5	Single-Bay
PP1466	1400 x 600 x 600	1384 x 599 x 599	1285 x 530	1	1.5	Single-Bay
PP1468	1400 x 600 x 800	1384 x 599 x 799	1285 x 530	1	1.5	Single-Bay
PP1485	1400 x 800 x 500	1384 x 799 x 499	1285 x 730	1	1.8	Single-Bay
PPOD14125	1400 x 1200 x 500	1384 x 1199 x 499	1285 x 1130	2	1.8	Double-Bay
PP1665	1600 x 600 x 500	1584 x 599 x 499	1485 x 530	1	1.5	Single-Bay
PP1666	1600 x 600 x 600	1584 x 599 x 599	1485 x 530	1	1.5	Single-Bay
PP1668	1600 x 600 x 800	1584 x 599 x 799	1485 x 530	1	1.5	Single-Bay
PP1685	1600 x 800 x 500	1584 x 799 x 499	1485 x 730	1	1.8	Single-Bay
PP1686	1600 x 800 x 600	1584 x 799 x 599	1485 x 730	1	1.8	Single-Bay
PPOD16125	1600 x 1200 x 500	1584 x 1199 x 499	1485 x 1130	2	1.8	Double-Bay

STANDARD PRODUCT, HEIGHT 1800 [mm]

Item number	Nominal Size H x W x D [mm]	Size H1 x W1 x D1 [mm]	Mounting Plate Size H x W [mm]	Door(s)	Door thickness [mm]	Frame
PP1845	1800 x 400 x 500	1784 x 399 x 499	1685 x 330	1	1.5	Single-Bay
PP1846	1800 x 400 x 600	1784 x 399 x 599	1685 x 330	1	1.5	Single-Bay
PP1864	1800 x 600 x 400	1784 x 599 x 399	1685 x 530	1	1.5	Single-Bay
PP1865	1800 x 600 x 500	1784 x 599 x 499	1685 x 530	1	1.5	Single-Bay
PP1866	1800 x 600 x 600	1784 x 599 x 599	1685 x 530	1	1.5	Single-Bay
PP1868	1800 x 600 x 800	1784 x 599 x 799	1685 x 530	1	1.5	Single-Bay
PP1884	1800 x 800 x 400	1784 x 799 x 399	1685 x 730	1	1.8	Single-Bay
PP1885	1800 x 800 x 500	1784 x 799 x 499	1685 x 730	1	1.8	Single-Bay
PPOD1885	1800 x 800 x 500	1784 x 799 x 499	1685 x 730	2	2,0	Double-Bay
PP1886	1800 x 800 x 600	1784 x 799 x 599	1685 x 730	1	1.8	Single-Bay
PPOD1886	1800 x 800 x 600	1784 x 799 x 599	1685 x 730	2	2,0	Double-Bay
PP1888	1800 x 800 x 800	1784 x 799 x 799	1685 x 730	1	1.8	Single-Bay
PP18104	1800 x 1000 x 400	1784 x 999 x 399	1685 x 930	1	2,0	Single-Bay
PPOD18104	1800 x 1000 x 400	1784 x 999 x 399	1685 x 930	2	2,0	Double-Bay
PP18105	1800 x 1000 x 500	1784 x 999 x 499	1685 x 930	1	2,0	Single-Bay
PPOD18105	1800 x 1000 x 500	1784 x 999 x 499	1685 x 930	2	2,0	Double-Bay
PP18106	1800 x 1000 x 600	1784 x 999 x 599	1685 x 930	1	2,0	Single-Bay
PP18108	1800 x 1000 x 800	1784 x 999 x 799	1685 x 930	1	2,0	Single-Bay
PPOD18124	1800 x 1200 x 400	1784 x 1199 x 399	1685 x 1130	2	1.8	Double-Bay
PPOD18125	1800 x 1200 x 500	1784 x 1199 x 499	1685 x 1130	2	1.8	Double-Bay
PPOD18126	1800 x 1200 x 600	1784 x 1199 x 599	1685 x 1130	2	1.8	Double-Bay
PPOD18128	1800 x 1200 x 800	1784 x 1199 x 799	1685 x 1130	2	1.8	Double-Bay

STANDARD PRODUCT, HEIGHT 2000 [mm]

Item number	Nominal Size H x W x D [mm]	Size H1 x W1 x D1 [mm]	Mounting Plate Size H x W [mm]	Door(s)	Door thickness [mm]	Frame
PP2045	2000 x 400 x 500	1984 x 399 x 499	1885 x 330	1	1.5	Single-Bay
PP2046	2000 x 400 x 600	1984 x 399 x 599	1885 x 330	1	1.5	Single-Bay
PP2064	2000 x 600 x 400	1984 x 599 x 399	1885 x 530	1	1.5	Single-Bay
PP2065	2000 x 600 x 500	1984 x 599 x 499	1885 x 530	1	1.5	Single-Bay
PP2066	2000 x 600 x 600	1984 x 599 x 599	1885 x 530	1	1.5	Single-Bay
PP2068	2000 x 600 x 800	1984 x 599 x 799	1885 x 530	1	1.5	Single-Bay
PP2084	2000 x 800 x 400	1984 x 799 x 399	1885 x 730	1	1.8	Single-Bay
PP2085	2000 x 800 x 500	1984 x 799 x 499	1885 x 730	1	1.8	Single-Bay
PP2086	2000 x 800 x 600	1984 x 799 x 599	1885 x 730	1	1.8	Single-Bay
PP2088	2000 x 800 x 800	1984 x 799 x 799	1885 x 730	1	1.8	Single-Bay
PP20104	2000 x 1000 x 400	1984 x 999 x 399	1885 x 930	1	2,0	Single-Bay
PPOD20104	2000 x 1000 x 400	1984 x 999 x 399	1885 x 930	2	2,0	Double-Bay
PP20105	2000 x 1000 x 500	1984 x 999 x 499	1885 x 930	1	2,0	Single-Bay
PPOD20105	2000 x 1000 x 500	1984 x 999 x 499	1885 x 930	2	2,0	Double-Bay
PP20106	2000 x 1000 x 600	1984 x 999 x 599	1885 x 930	1	2,0	Single-Bay
PPOD20106	2000 x 1000 x 600	1984 x 999 x 599	1885 x 930	2	2,0	Double-Bay
PP20108	2000 x 1000 x 800	1984 x 999 x 799	1885 x 930	1	2,0	Single-Bay
PPOD20124	2000 x 1200 x 400	1984 x 1199 x 399	1885 x 1130	2	1.8	Double-Bay
PPOD20125	2000 x 1200 x 500	1984 x 1199 x 499	1885 x 1130	2	1.8	Double-Bay
PPOD20126	2000 x 1200 x 600	1984 x 1199 x 599	1885 x 1130	2	1.8	Double-Bay
PPOD20128	2000 x 1200 x 800	1984 x 1199 x 799	1885 x 1130	2	1.8	Double-Bay

STANDARD PRODUCT, HEIGHT 2200 [mm]

Item number	Nominal Size H x W x D [mm]	Size H1 x W1 x D1 [mm]	Mounting Plate Size H x W [mm]	Door(s)	Door thickness [mm]	Frame
PP2266	2200 x 600 x 600	2184 x 599 x 599	2085 x 530	1	1.5	Single-Bay
PP2268	2200 x 600 x 800	2184 x 599 x 799	2085 x 530	1	1.5	Single-Bay
PP2286	2200 x 800 x 600	2184 x 799 x 599	2085 x 730	1	1.8	Single-Bay
PP2288	2200 x 800 x 800	2184 x 799 x 799	2085 x 730	1	1.8	Single-Bay
PPOD22125	2200 x 1200 x 500	2184 x 1199 x 499	2085 x 1130	2	1.8	Double-Bay
PPOD22126	2200 x 1200 x 600	2184 x 1199 x 599	2085 x 1130	2	1.8	Double-Bay
PPOD22128	2200 x 1200 x 800	2184 x 1199 x 799	2085 x 1130	2	1.8	Double-Bay

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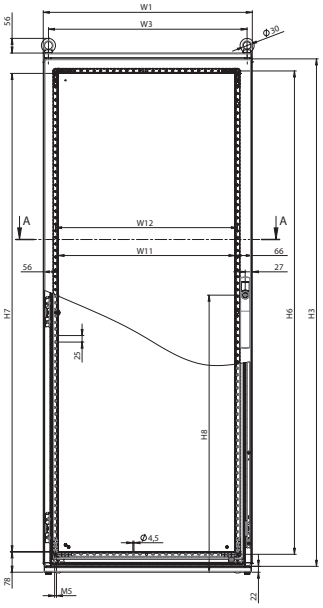
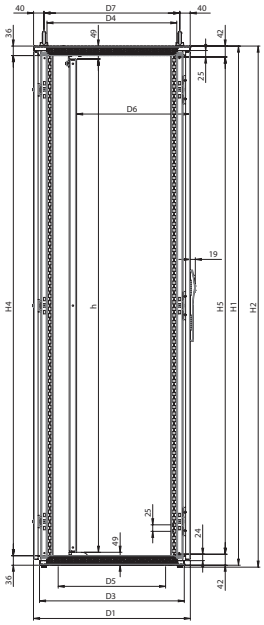
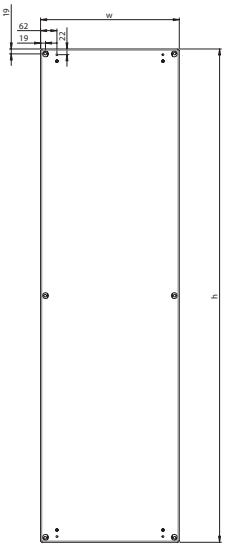
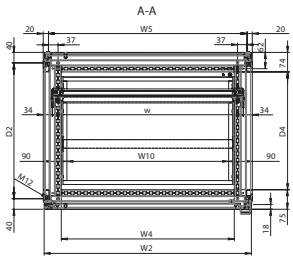
PROLINE INDUSTRIAL PACKAGES, SINGLE DOOR









HEIGHTS [mm]

H	H1	H2	H3	H4	H5	H6	H7	h
1400	1384	1391	1339	1311	1300	1247	1228	1285
1600	1584	1591	1539	1511	1500	1447	1428	1485
1800	1784	1791	1739	1711	1700	1647	1628	1685
2000	1984	1991	1939	1911	1900	1847	1828	1885
2200	2184	2191	2139	2111	2100	2047	2028	2085

WIDTHS [mm]

W	W1	W2	W3	W4	W5	W6	W7	W9	W10	W11	W12	w
400	599	392	359	261	359	-	-	-	218	276	295	330
600	599	592	559	461	559	-	-	-	418	476	495	530
800	799	792	759	661	759	-	-	-	618	676	695	730
1000	999	992	959	861	959	-	-	-	818	876	895	930

DEPTHS [mm]

D	D1	D2	D3	D4	D5	D6 min.	D6 max.	D7
400	399	319	353	296	210	97	322	319
500	499	419	453	396	310	97	422	419
600	599	519	553	496	410	97	522	519
800	799	719	753	696	610	97	722	719

*D8 = (D+W)-26

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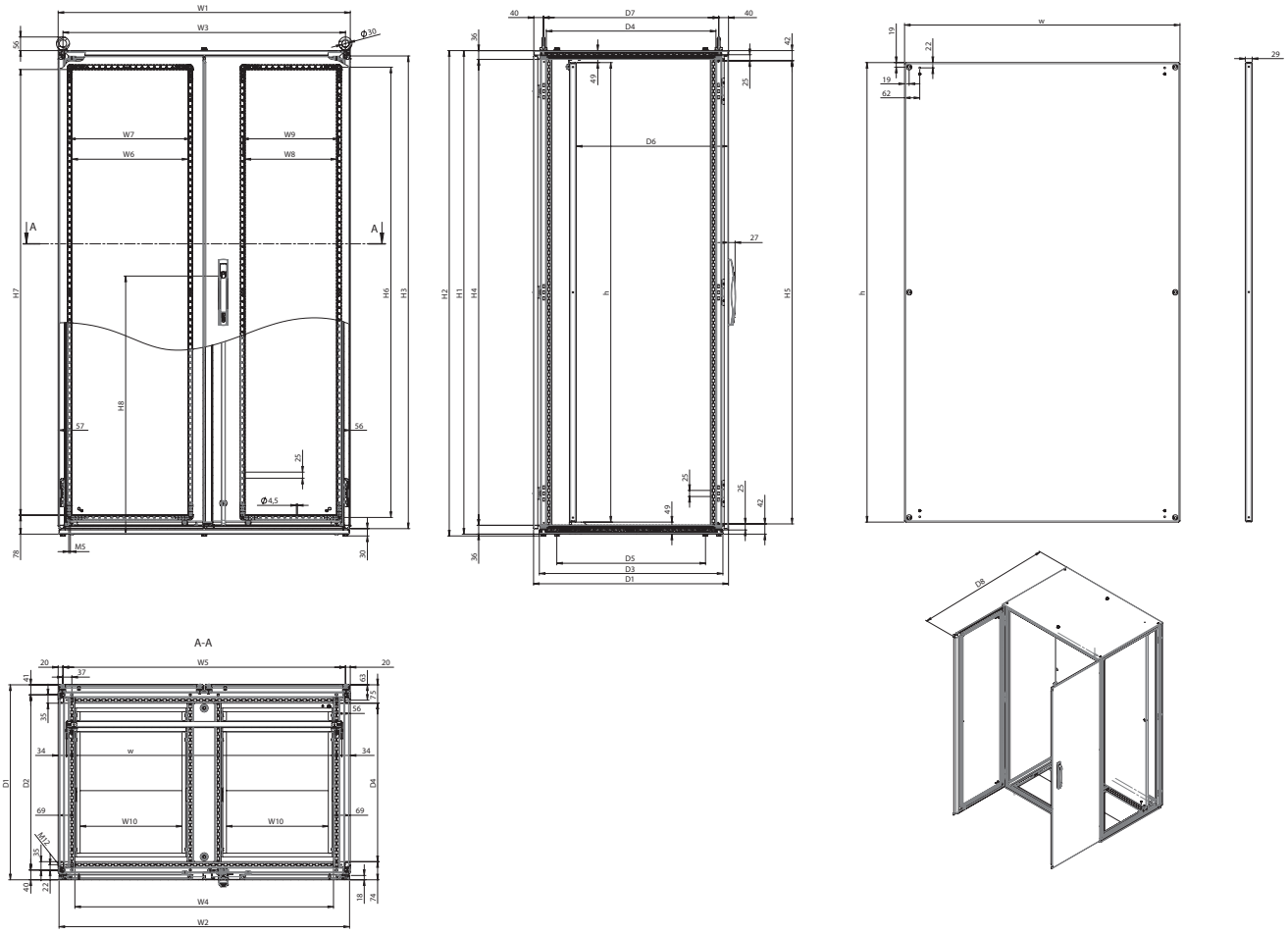
PROLINE INDUSTRIAL PACKAGES, SINGLE DOOR



HEIGHTS [mm]

H	H1	H2	H3	H4	H5	H6	H8	h
1400	1384	1391	1339	1311	1300	1247	758	1285
1600	1584	1591	1539	1511	1500	1447	858	1485
1800	1784	1791	1739	1711	1700	1647	958	1685
2000	1984	1991	1939	1911	1900	1847	1058	1885
2200	2184	2191	2139	2111	2100	2047	1158	2085

WIDTHS [mm]

W	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	w
800	799	792	759	661	759	276	295	176	195	218	676	695	730
1000	999	992	959	861	959	376	395	276	295	318	876	895	930
1200	1199	1192	1159	1061	1159	476	495	376	395	418	1076	1095	1130

DEPTHS [mm]

D	D1	D2	D3	D4	D5	D6 min.	D6 max.	D7
400	399	319	353	296	210	97	322	319
500	499	419	453	396	310	97	422	419
600	599	519	553	496	410	97	522	519
800	799	719	753	696	610	97	722	719

*D8 = [D+(W*0,5)+12]

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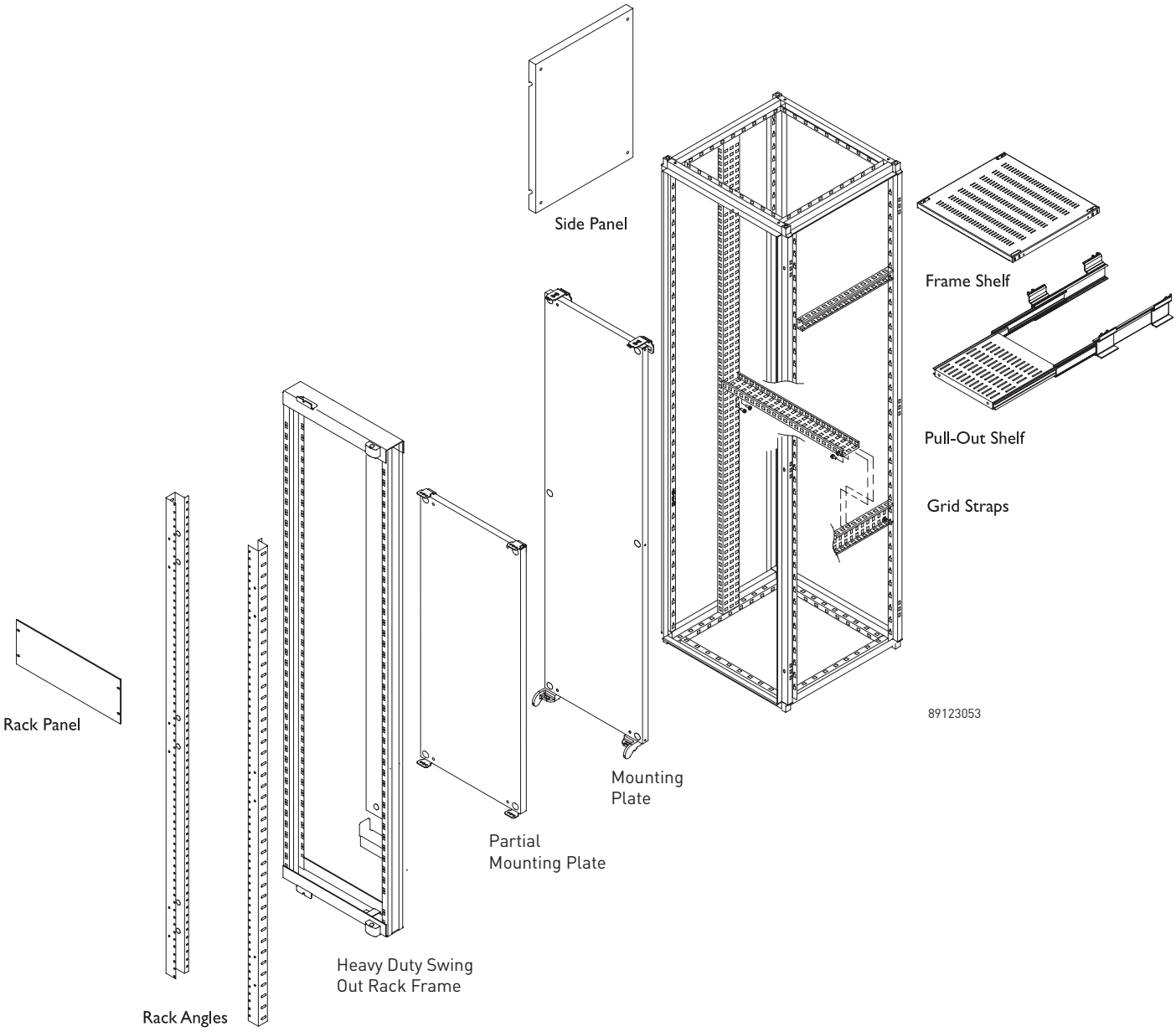
PROLINE INTERNAL COMPONENTS

Select from a large variety of internal components to fit your industrial control panel and maintain the desired industry standard.



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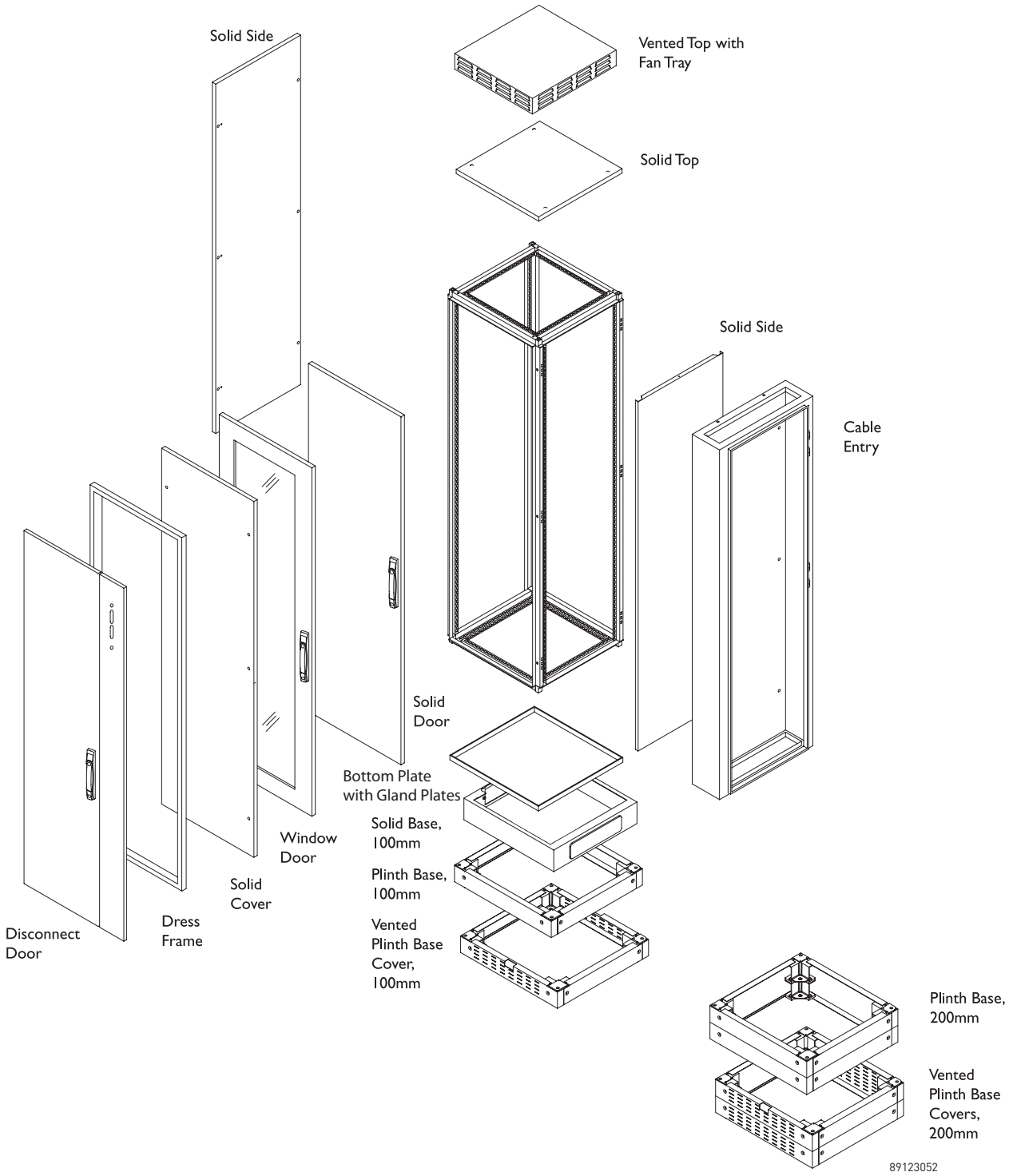
PROLINE EXTERNAL COMPONENTS

Choose the external components that fit your specific application.



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