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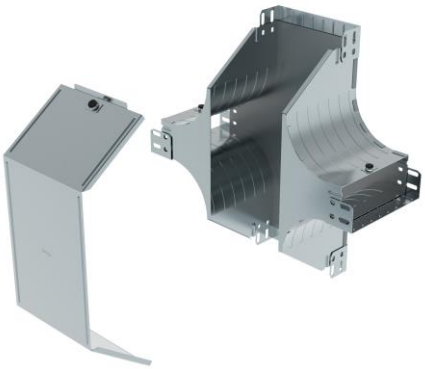
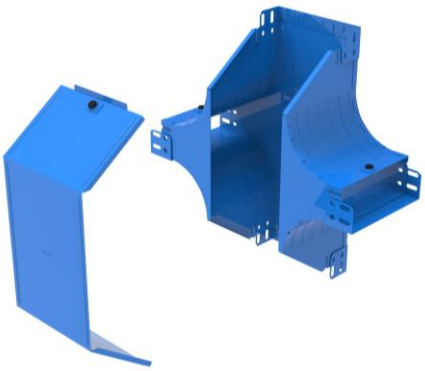
P31-UPRIGHT CROSS PLANE VARIATION H75

Reference(s): AK075../100../150../200../300../400../500../600..(Z,C,G)





1. USE

Upright cross plane variation in H75 with cover.

2. RANGE

■ 2.1 Upright cross plane variation PG

Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm²)	(inch²)
P31-UPRIGHT CROSS PLANE VARIATION 75X75 PG	AK075Z	77	3,03	2,31	5,08	1,0	0,04	PG	5550	8,60
P31-UPRIGHT CROSS PLANE VARIATION 75X100 PG	AK100Z	100	3,94	2,87	6,33	1,0	0,04	PG	7252	11,24
P31-UPRIGHT CROSS PLANE VARIATION 75X150 PG	AK150Z	150	5,91	4,29	9,45	1,0	0,04	PG	10852	16,82
P31-UPRIGHT CROSS PLANE VARIATION 75X200 PG	AK200Z	200	7,87	5,44	12,00	1,0	0,04	PG	14652	22,71
P31-UPRIGHT CROSS PLANE VARIATION 75X300 PG	AK300Z	300	11,81	8,23	18,15	1,0	0,04	PG	22052	34,18
P31-UPRIGHT CROSS PLANE VARIATION 75X400 PG	AK400Z	400	15,75	12,56	27,68	1,0	0,04	PG	29452	45,65
P31-UPRIGHT CROSS PLANE VARIATION 75X500 PG	AK500Z	500	19,69	17,32	38,18	1,0	0,04	PG	36852	57,12
P31-UPRIGHT CROSS PLANE VARIATION 75X600 PG	AK600Z	600	23,62	21,35	47,08	1,0	0,04	PG	44252	68,59

■ 2.2 Upright cross plane variation HDG

Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm²)	(inch²)
P31-UPRIGHT CROSS PLANE VARIATION 75X75 HDG	AK075C	77	3,03	2,51	5,52	1,0	0,04	HDG	5550	8,60
P31-UPRIGHT CROSS PLANE VARIATION 75X100 HDG	AK100C	100	3,94	3,12	6,88	1,0	0,04	HDG	7252	11,24
P31-UPRIGHT CROSS PLANE VARIATION 75X150 HDG	AK150C	150	5,91	4,67	10,29	1,0	0,04	HDG	10852	16,82
P31-UPRIGHT CROSS PLANE VARIATION 75X200 HDG	AK200C	200	7,87	5,93	13,08	1,0	0,04	HDG	14652	22,71
P31-UPRIGHT CROSS PLANE VARIATION 75X300 HDG	AK300C	300	11,81	8,98	19,80	1,0	0,04	HDG	22052	34,18
P31-UPRIGHT CROSS PLANE VARIATION 75X400 HDG	AK400C	400	15,75	13,72	30,24	1,0	0,04	HDG	29452	45,65
P31-UPRIGHT CROSS PLANE VARIATION 75X500 HDG	AK500C	500	19,69	18,94	41,75	1,0	0,04	HDG	36852	57,12
P31-UPRIGHT CROSS PLANE VARIATION 75X600 HDG	AK600C	600	23,62	23,36	51,49	1,0	0,04	HDG	44252	68,59

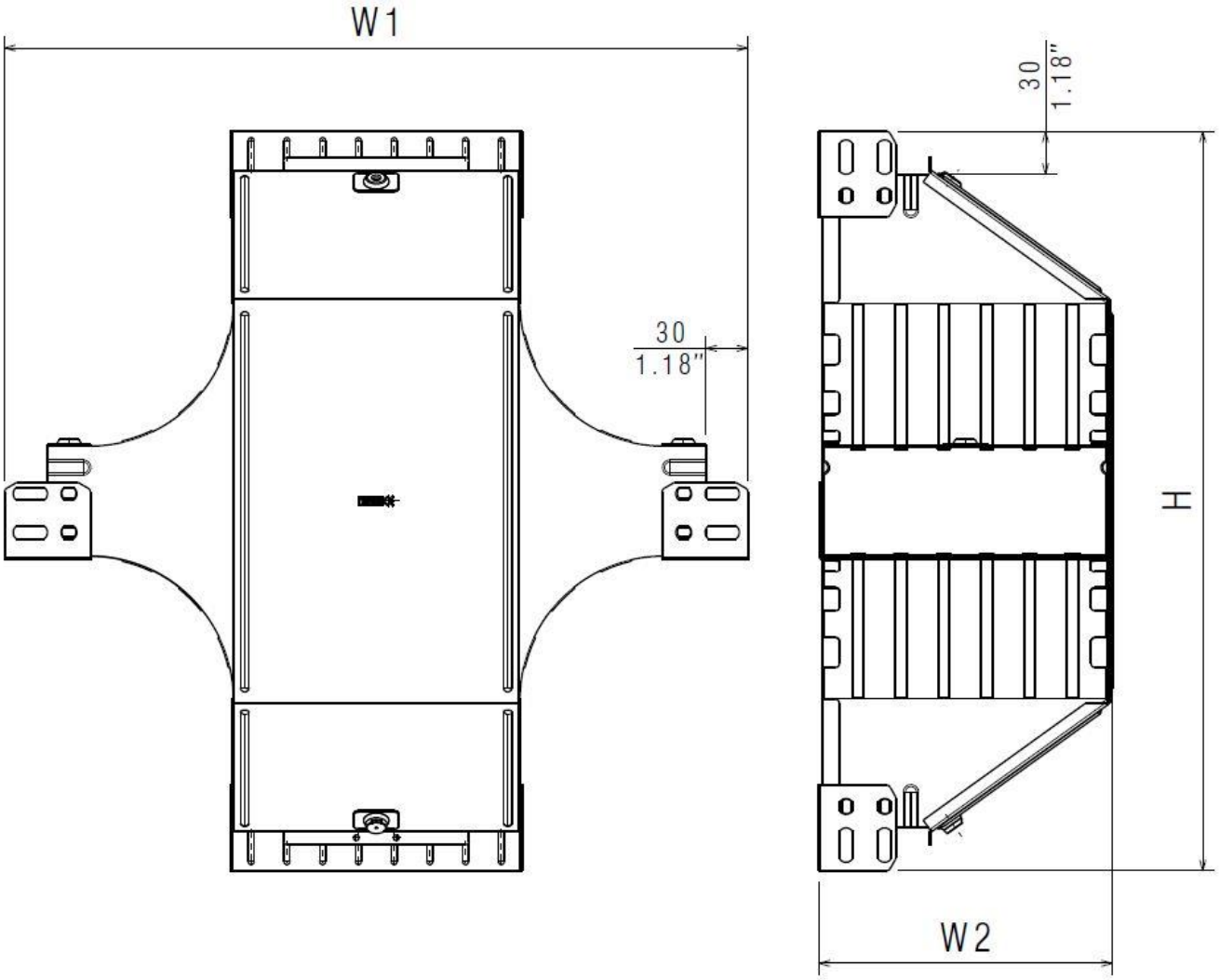
■ 2.3 Upright cross plane variation BLUE

Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm²)	(inch²)
P31-UPRIGHT CROSS PLANE VARIATION 75X75 BLUE	AK075G	77	3,03	2,31	5,08	1,0	0,04	BLUE	5550	8,60
P31-UPRIGHT CROSS PLANE VARIATION 75X100 BLUE	AK100G	100	3,94	2,87	6,33	1,0	0,04	BLUE	7252	11,24
P31-UPRIGHT CROSS PLANE VARIATION 75X150 BLUE	AK150G	150	5,91	4,29	9,45	1,0	0,04	BLUE	10852	16,82
P31-UPRIGHT CROSS PLANE VARIATION 75X200 BLUE	AK200G	200	7,87	5,44	12,00	1,0	0,04	BLUE	14652	22,71
P31-UPRIGHT CROSS PLANE VARIATION 75X300 BLUE	AK300G	300	11,81	8,23	18,15	1,0	0,04	BLUE	22052	34,18
P31-UPRIGHT CROSS PLANE VARIATION 75X400 BLUE	AK400G	400	15,75	12,56	27,68	1,0	0,04	BLUE	29452	45,65
P31-UPRIGHT CROSS PLANE VARIATION 75X500 BLUE	AK500G	500	19,69	17,32	38,18	1,0	0,04	BLUE	36852	57,12
P31-UPRIGHT CROSS PLANE VARIATION 75X600 BLUE	AK600G	600	23,62	21,35	47,08	1,0	0,04	BLUE	44252	68,59

3. DIMENSIONS

■ 3.1 Upright cross plane variation

Description	Width 1 (W1)		Width 2 (W2)		Height (H)	
	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
P31-UPRIGHT CROSS PLANE VARIATION 75X75	397	15,63	83	3,27	397	15,63
P31-UPRIGHT CROSS PLANE VARIATION 75X100	420	16,54	106	4,17	457	17,99
P31-UPRIGHT CROSS PLANE VARIATION 75X150	470	18,50	156	6,14	517	20,35
P31-UPRIGHT CROSS PLANE VARIATION 75X200	520	20,47	206	8,11	517	20,35
P31-UPRIGHT CROSS PLANE VARIATION 75X300	620	24,41	306	12,05	637	25,08
P31-UPRIGHT CROSS PLANE VARIATION 75X400	860	33,86	406	15,98	737	29,02
P31-UPRIGHT CROSS PLANE VARIATION 75X500	960	37,80	506	19,92	837	32,95
P31-UPRIGHT CROSS PLANE VARIATION 75X600	1060	41,73	606	23,86	837	32,95



4. INSTALLATION

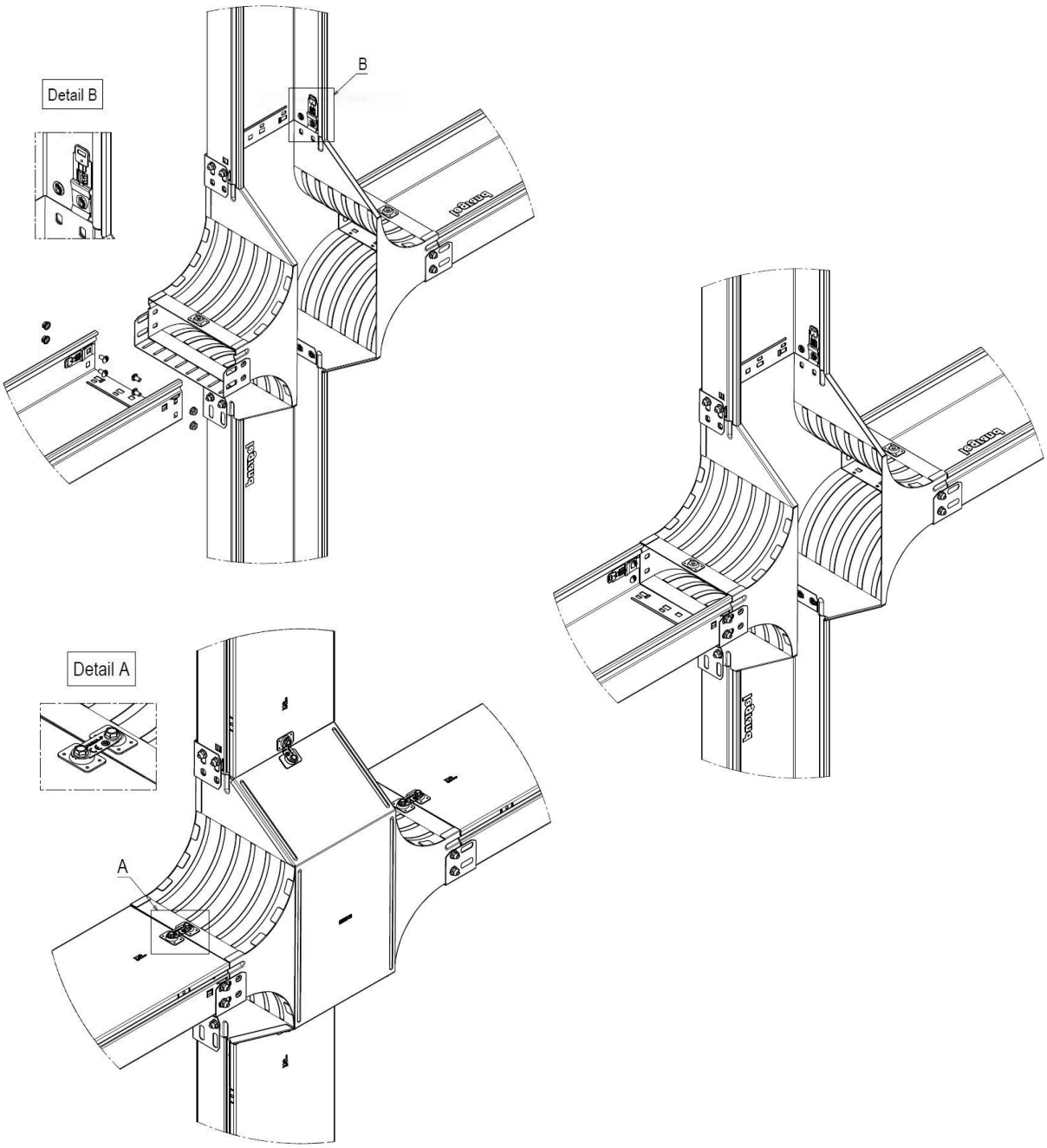
■ 4.1 Screw and tools

Use screws M6x12 tightened at 11Nm

Reference(s): 341895 / 03V1M610Z (PG)
485035 (Zn-Ni)
346895/ 03V1M610L (SS316L)
341708 / 31X99X999 (PG)
346474 / 31X99X99X (SS316L)

■ 4.2 Fitting to cable tray

Upright cross plane variation in height 75 are assembled using 16 screws M6x12 on the sides.
Join all covers by earth connection using copper plate or cable to guarantee electrical continuity.



5. TECHNICAL DATA

■ 5.1 Climatic characteristics

Storage and operating temperature: - 20° C à + 120° C

■ 5.2 Material characteristics

Material finish	Material	Standard	Resistance class against corrosion
PG	DX51D + Z200	EN 10346	Classe 3 - CEI 61537
BLUE	DX51D + Z200	EN 10346	Classe 3 - CEI 61537
HDG	DC 01	EN 10130	Classe 6 - CEI 61537
SS304	X5CrNi18-10	EN 10 088-2	Classe 9A - CEI 61537
SS316L	X2CrNiMo17-12-2	EN 10 088-2	Classe 9B - CEI 61537

6. CONFORMITY - CERTIFICATION

Comply with CEI 61537 Cable tray systems
Certification: CE, IMQ