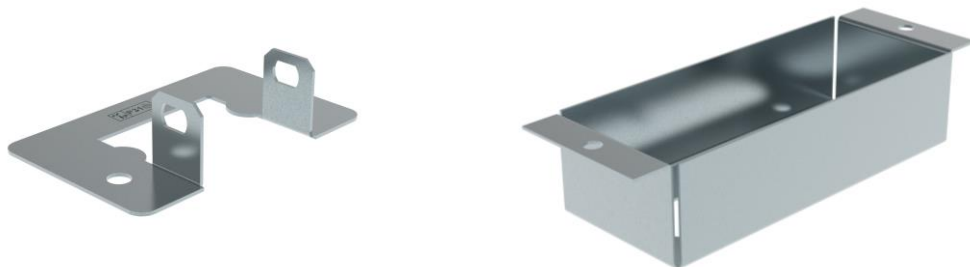


P31 – FLANGE REDUCER AND JUNCTION BOX CONNECTION

Reference(s): 31X99R99Z/31X99R99C/31X99R99G
31X99F99Z/31X99F99C/31X99F99G



1. USE

Use flange reducer and junction box connection to create a connection from the bottom of cable tray.

2. RANGE FLANGE REDUCER

■ 2.1 Flange reducer PG

Description	Code	Code Export	Weight		Thickness		Coating
			(Kg)	(lb)	(mm)	(inch)	
P31-FLANGE REDUCER PG	31X99R99Z	341515	0,06	0,13	1,15	0,05	PG

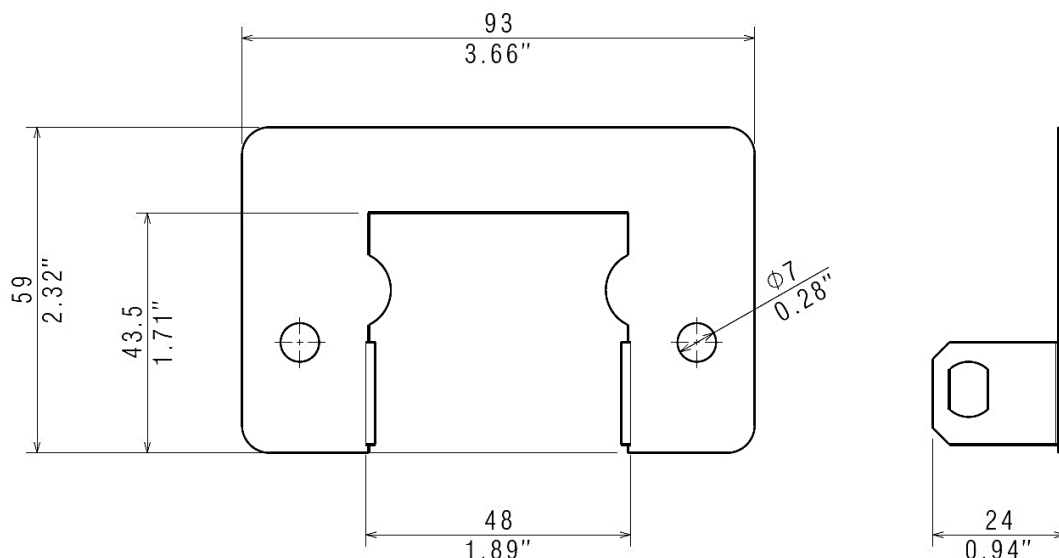
■ 2.2 Flange reducer HDG

Description	Code	Code Export	Weight		Thickness		Coating
			(Kg)	(lb)	(mm)	(inch)	
P31-FLANGE REDUCER C	31X99R99C	343515	0,07	0,15	1,15	0,05	HDG

■ 2.3 Flange reducer BLUE

Description	Code	Code Export	Weight		Thickness		Coating
			(Kg)	(lb)	(mm)	(inch)	
P31-FLANGE REDUCER BLUE	31X99R99G	345515	0,06	0,13	1,15	0,05	BLUE

3. DIMENSIONS FLANGE REDUCER



4. RANGE FLANGE JUNCTION BOX

■ 4.1 Flange junctuin box connection PG

Description	Code	Code Export	Weight		Thickness		Coating
			(Kg)	(lb)	(mm)	(inch)	
P31-FLANGE JUNCTION BOX CONNECTION PG	31X99F99Z	341509	0,28	0,61	1,15	0,05	PG

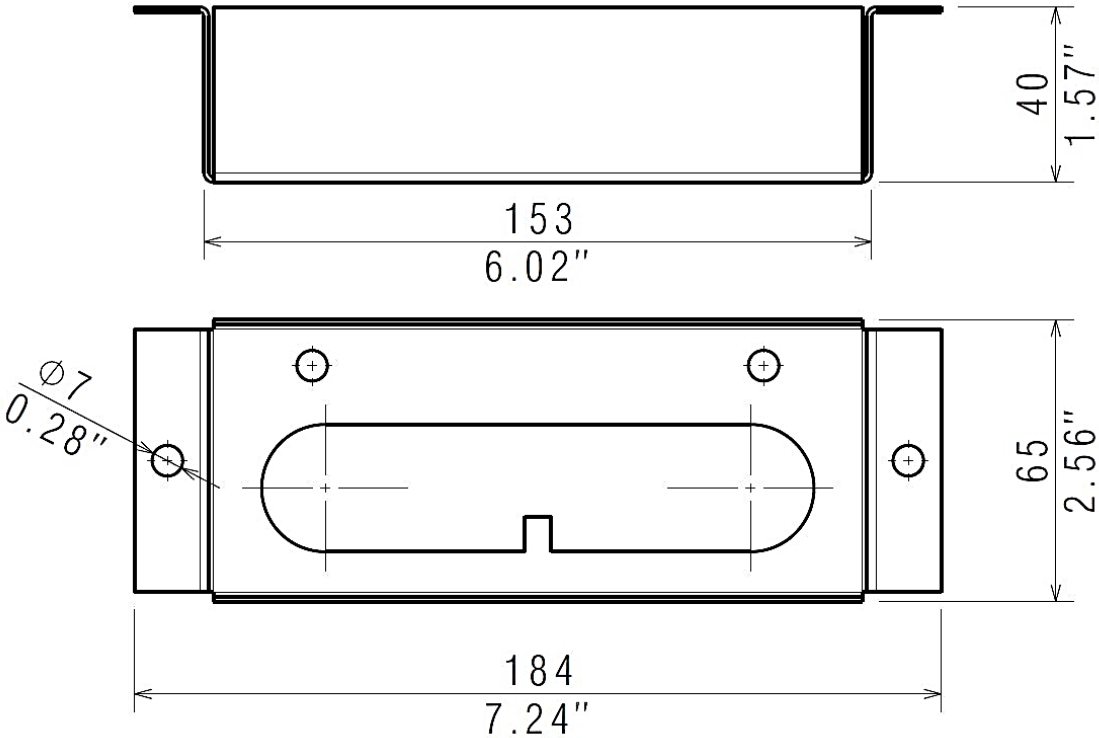
■ 4.2 Flange junctuin box connection HDG

Description	Code	Code Export	Weight		Thickness		Coating
			(Kg)	(lb)	(mm)	(inch)	
P31-FLANGE JUNCTION BOX CONNECTION HDG	31X99F99C	343509	0,30	0,67	1,15	0,05	HDG

■ 4.3 Flange junctuin box connection BLUE

Description	Code	Code Export	Weight		Thickness		Coating
			(Kg)	(lb)	(mm)	(inch)	
P31-FLANGE JUNCTION BOX CONNECTION BLUE	31X99F99G	345509	0,28	0,61	1,15	0,05	BLUE

5. DIMENSIONS FLANGE JUNCTION BOX



6. 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)

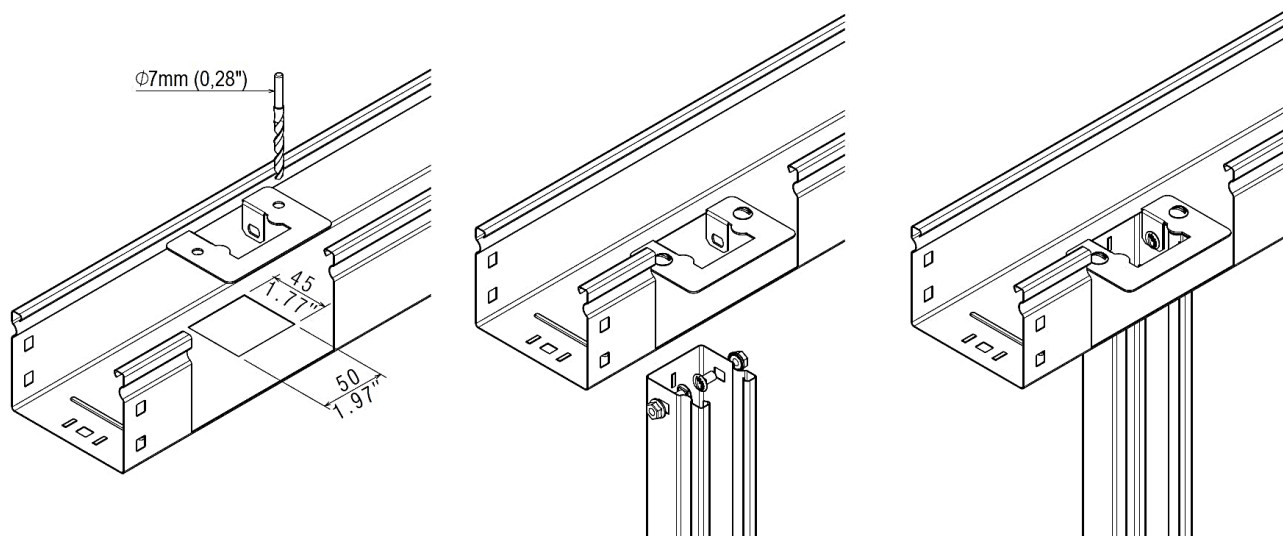
■ 6.2 Flange reducer to cable tray

Use this flange to connect the bottom of cable tray to other cable tray or fittings only in Height 50mm (2") and Width 50mm (2").

Cut the bottom of cable tray and create a rectangular hole 45x50mm (1,77"x2").

Drill 2 holes in the bottom to fix the bottom plate; use 7mm diameter drill bit.

Fix flange reducer to cable tray using 2 screws M6x12.



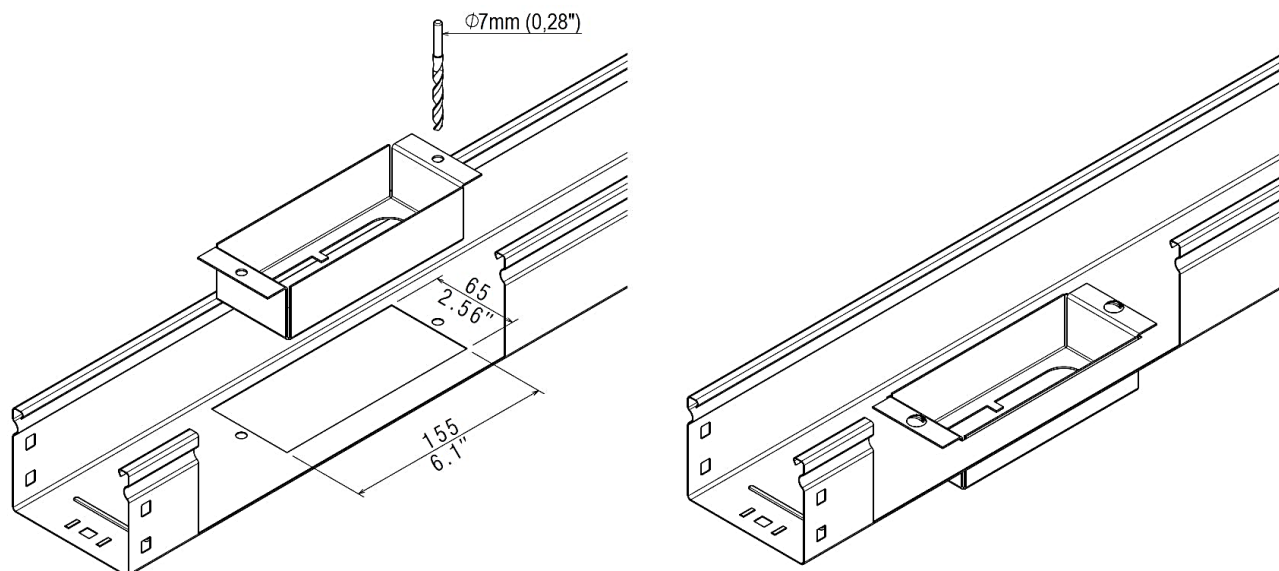
■ 6.3 Flange junction box connection

Use flange junction box connection to connect the bottom of cable tray to an electrical junction box,

Cut the bottom of cable tray and create a rectangular hole 65x155mm (2,56"x6,1").

Drill 2 holes in the bottom to fix the bottom plate; use 7mm diameter drill bit.

Fix flange to cable tray using 2 screws M6x12.



7. TECHNICAL DATA

■ 7.1 Climatic characteristics

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

■ 7.2 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

8. CONFORMITY - CERTIFICATION

Comply with CEI 61537 Cable tray systems

Certification: CE, IMQ