

# P31 THE INNOVATIVE CABLE TRAY



FURTHER  
FASTER  
EASIER

-> CATALOGUE PAGES INSIDE

THE GLOBAL SPECIALIST  
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**<sup>®</sup>

# P31 THE INNOVATIVE CABLE TRAY

## FURTHER | FASTER | EASIER

# OPTIMISED RANGE

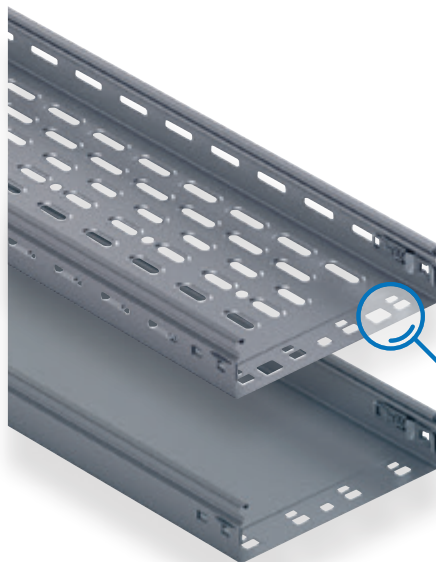


### AUTOMATIC COUPLING CABLE TRAYS

- 60 mm
- 75 to 600 mm
- < 1 mm

- PG
- ZnMg
- RAL
- 304L
- 316L

Perforated and blind metal cable trays



### AUTOMATIC COUPLING CABLE TRAYS (WITH CUTOUTS FOR CABLE EXITS)

- 60 mm
- 75 to 400 mm
- < 1 mm

- PG

Perforated metal cable trays



### Robust, efficient and certified products




The new P31 range has successfully passed all the laboratory tests and complies with standard's requirements. It complies with the IEC 61537 standard and is E 30 / E 90 certified according to DIN 4102-12, which guarantees fire resistance and allows installation on building sites such as road tunnels.




### New deep embossing technology

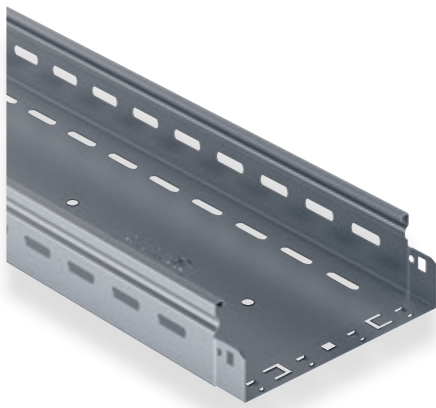
P31 features a deep embossing to get better safe working loads and decrease the cable peeling risk.

### MBR AUTOMATIC COUPLING CABLE TRAYS




-  60 mm
-  75 to 300 mm
-  < 1 mm

PG


 Perforated metal cable trays



### MALE/FEMALE COUPLING SYSTEM CABLE TRAYS




-  25 / 60 / 100mm
-  75 to 600<sup>(1)</sup> mm
-  < 1 mm

PG HDG


 Perforated and blind<sup>(3)</sup> metal cable trays

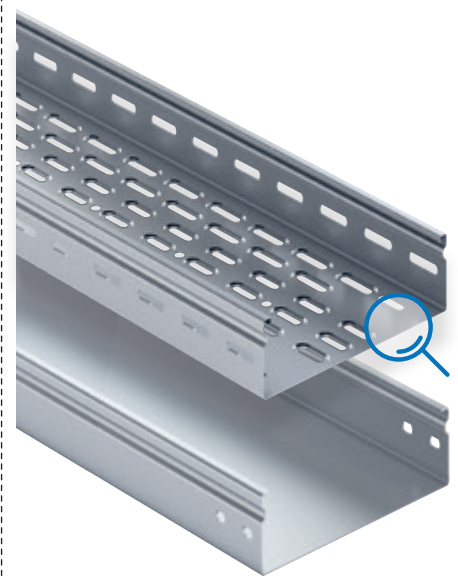


### TRADITIONAL COUPLING CABLE TRAYS

-  25 / 60 / 100mm
-  75 to 600<sup>(1)</sup> mm
-  < 1 mm<sup>(4)</sup> / 1,5 mm / 2 mm

PG HDG RAL<sup>(2)</sup>

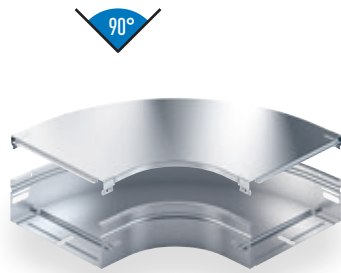
 Perforated and blind<sup>(3)</sup> metal cable trays



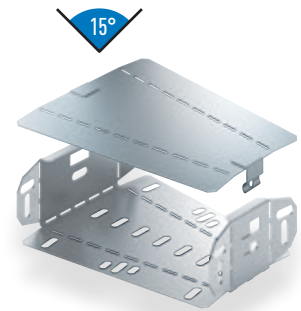
(1) 500 mm for 25 mm height cable trays  
 (2) Except 25 and 100 mm height cable trays  
 (3) Except for 25 mm height cable trays  
 (4) Only for 60 mm height cable trays

# P31 THE INNOVATIVE CABLE TRAY FURTHER | FASTER | EASIER

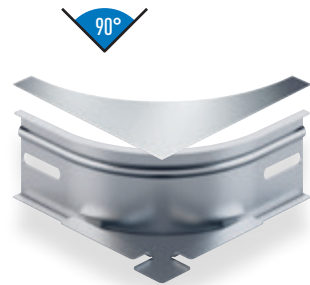
# READY FOR EVERYTH



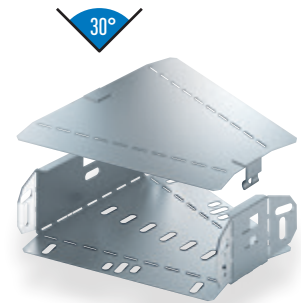
90° bends with covers



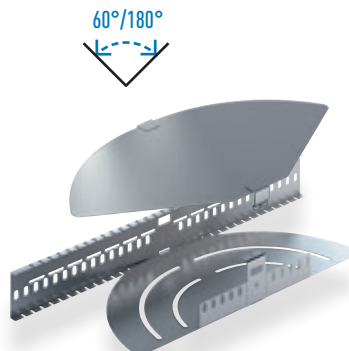
15° bends with covers



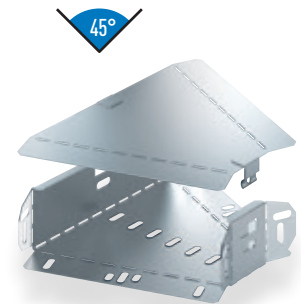
Universal bends with covers



30° bends with covers



Adjustable bends with covers

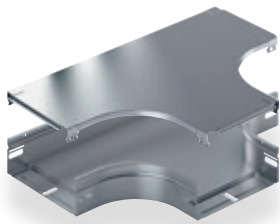


45° bends with covers

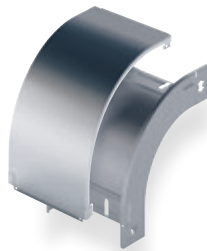
## > The freedom to choose the right configuration

The wide range of routing accessories offers the highest level of flexibility while implementing different configurations and allows significant time saving during installation.

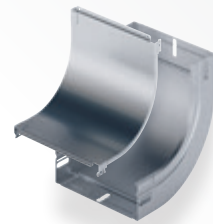
# ING



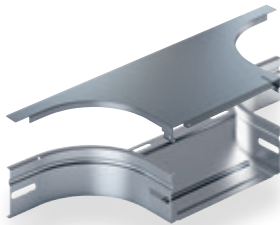
Tee with covers



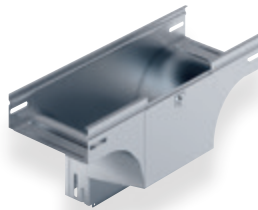
Twist outside risers with covers



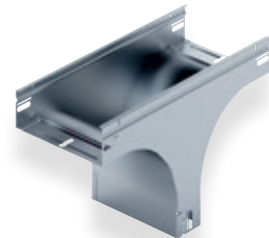
Inside risers with covers



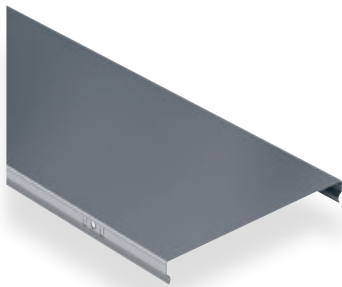
Junctions with covers



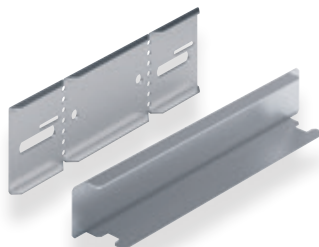
Vertical junctions with covers



Vertical T-junctions



Covers



End caps



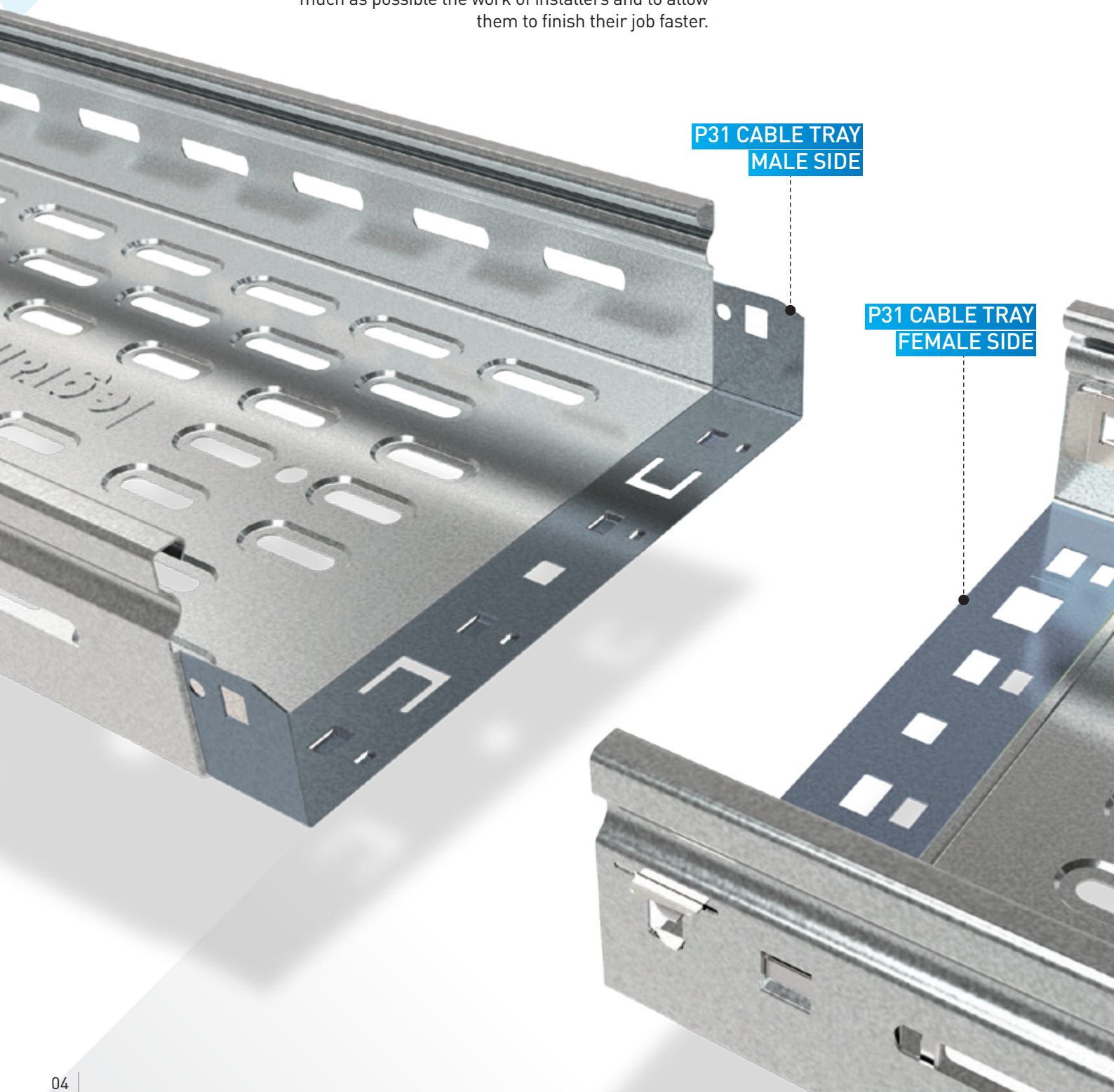
For more details about the range, please see the catalogue pages: from 08 to 63.

P31 THE INNOVATIVE CABLE TRAY

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# TIME-SAVING TO INS

The new automatic coupler and the male / female coupling system have been designed to simplify as much as possible the work of installers and to allow them to finish their job faster.



P31 CABLE TRAY  
MALE SIDE

P31 CABLE TRAY  
FEMALE SIDE

# TALL



Significant time savings during installation.



## AUTOMATIC COUPLER (TOOLLESS)



### Automatic coupler associated with male/female connection

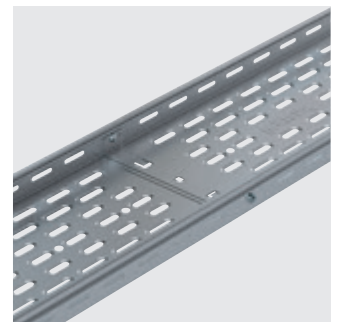
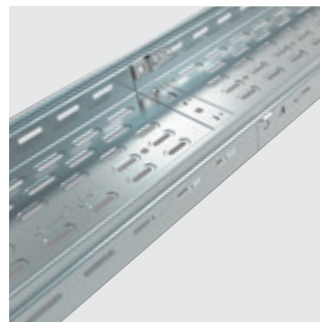
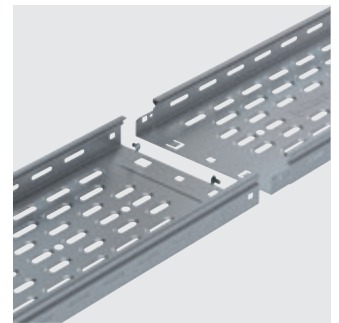
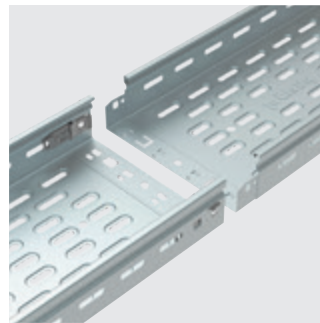
P31 features a new automatic coupler associated with a male/female connection.

- This innovative design ensures a quick and safe connection in all cases.
- The automatic coupler is designed to also allow a fast uncoupling.

### Screws version associated with male/female connection

Available in the 3 heights of the range, the junction is handled with the help of 2 or 4 screws.

- Ease of lengths alignment and junction's stability during the tightening of screws are provided by the male/female system.

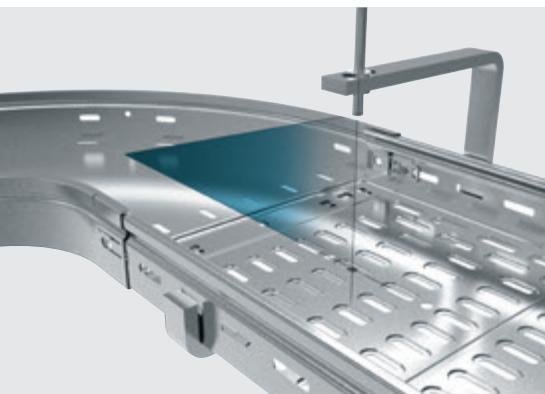


# P31 THE INNOVATIVE CABLE TRAY

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# SIMPLY CLEVER

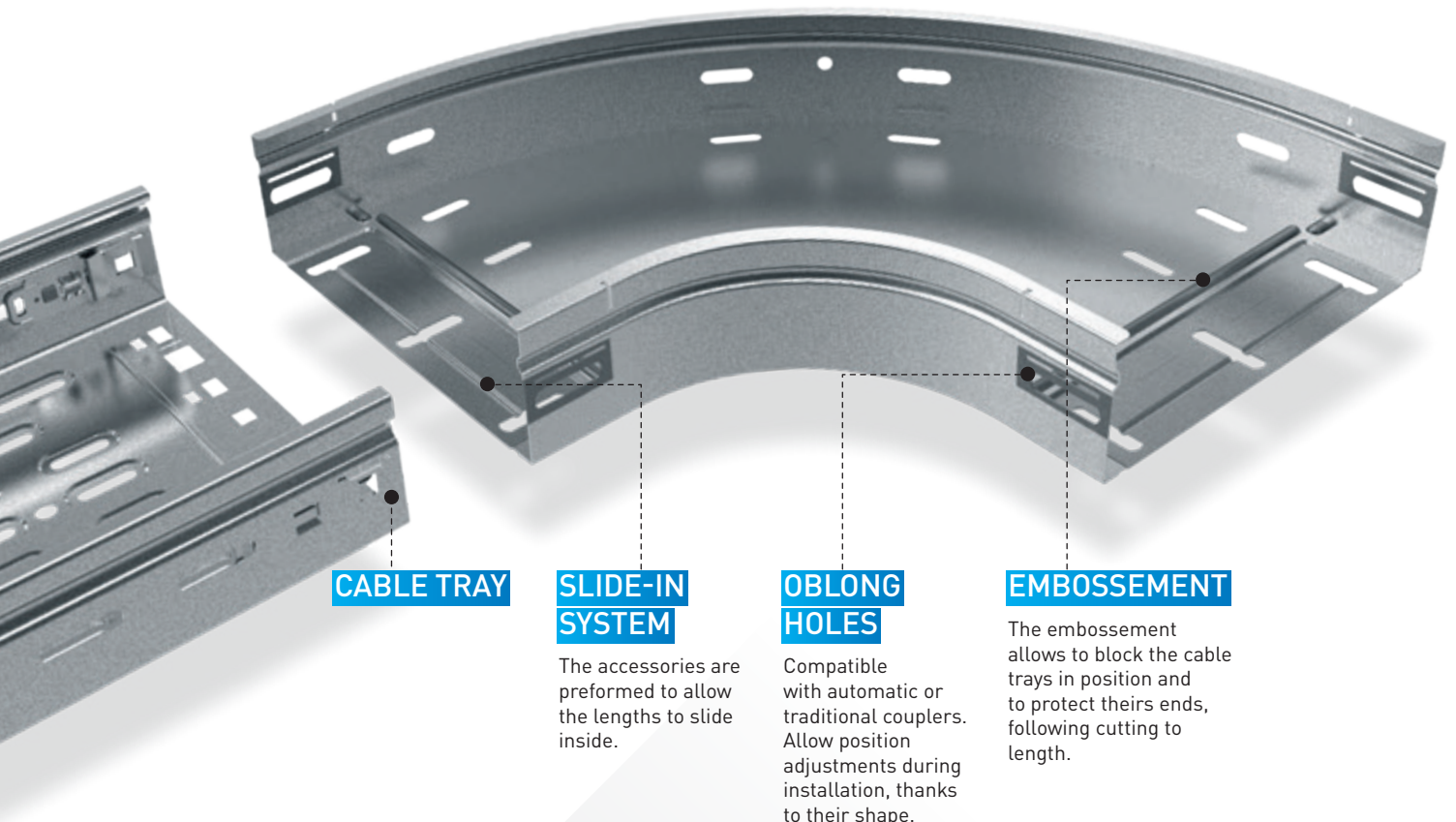
Thanks to their innovative design, the routing accessories or the new EDU coupler make the installation more functional.



## Innovative slide-in system

Available on the main routing accessories, this new innovative system facilitates the accessories installation, regardless of the cable tray lengths that are used (automatic, male/female or traditional coupling system).

- **Alignment** between lengths and accessories during assembly.
- **Position adjustment** at the junctions to fit perfectly to the construction site configuration.
- **Protection** of the cable tray ends especially after cutting operations
- **Continuity**: the new range of routing accessories is compatible with the old P31 cable trays range.



### CABLE TRAY

### SLIDE-IN SYSTEM

The accessories are preformed to allow the lengths to slide inside.

### OBLONG HOLES

Compatible with automatic or traditional couplers. Allow position adjustments during installation, thanks to their shape.

### EMBOSSEMENT

The embossement allows to block the cable trays in position and to protect their ends, following cutting to length.



## New accessories to make installation easier

### New twist outside riser

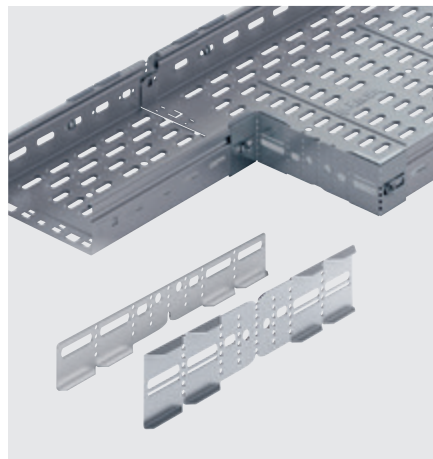
P31 features a new twist outside riser that allows to reverse the P31 cable tray lengths especially when working near a wall.



Example of use with a main and a secondary distribution board.

### EDU junction

Redesigned to better maintain lengths in position (thanks to the claws at the bottom) and to facilitate junction adjustments (thanks to the oblong holes positioned horizontally).



Example of a reducer.

### Quick-fixing divider

Also allows simplified, toolless installation.



## New packaging & labelling

- Quick identification of finishes (coloured labelling following the finishing).
- Easy checking of delivered products.



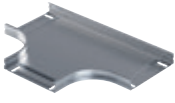


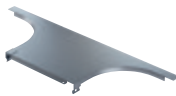



# P31 - metal cable trays 25 mm high

## selection chart

CROSS-SECTION (MM)	FINISH	LENGTHS OF PERFORATED METAL CABLE TRAY			COVERS
		Male / female coupling system cable trays	Traditional coupling cable trays 1.2/1.5 mm thick	Traditional coupling cable trays 2 mm thick	
25 x 75	PG	4 800 45	4 813 87	4 877 90	3 412 90 <sup>(1)</sup>
	HDG	4 821 45	4 833 87	4 877 80	3 432 90 <sup>(1)</sup>
25 x 100	PG	4 800 46	4 804 42	4 877 91	3 412 91 <sup>(1)</sup>
	HDG	4 821 46	4 824 42	4 877 81	3 432 91 <sup>(1)</sup>
25 x 150	PG	4 800 47	4 804 43	4 877 92	3 412 92 <sup>(1)</sup>
	HDG	4 821 47	4 824 43	4 877 82	3 432 92 <sup>(1)</sup>
25 x 200	PG	4 850 48	4 804 44	4 877 93	3 412 93 <sup>(1)</sup>
	HDG	4 852 48	4 824 44	4 877 83	3 432 93 <sup>(1)</sup>
25 x 300	PG	4 850 49	4 801 23	4 877 94	3 412 94 <sup>(1)</sup>
	HDG	4 852 49	4 820 03	4 877 84	3 432 94 <sup>(1)</sup>
25 x 400	PG	4 800 50	4 801 24	4 877 95	3 412 95 <sup>(1)</sup>
	HDG	4 820 50	4 820 04	4 877 85	3 432 95 <sup>(1)</sup>
25 x 500	PG	4 800 51	4 801 25	4 877 96	3 412 96 <sup>(1)</sup>
	HDG	4 820 51	4 820 05	4 877 86	3 432 96 <sup>(1)</sup>

1: Covers 2 metres long

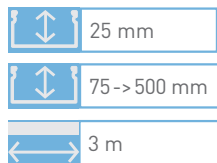
CROSS-SECTION (MM)	FINISH	ACCESSORIES					
		90° bends	Covers for 90° bends	Tees	Covers for tees	Junctions	Covers for junctions
							
25 x 75	PG	4 809 07	4 808 62	4 810 96	4 808 80	4 801 08	4 805 02
	HDG	4 829 07	4 828 62	4 820 96	4 828 80	4 821 08	4 825 02
25 x 100	PG	4 809 08	4 808 63	4 810 97	4 808 81	4 801 09	4 805 03
	HDG	4 829 08	4 828 63	4 830 97	4 828 81	4 821 09	4 825 03
25 x 150	PG	4 809 09	4 808 64	4 810 98	4 808 82	4 801 18	4 805 04
	HDG	4 829 09	4 828 64	4 830 98	4 828 82	4 821 18	4 825 04
25 x 200	PG	4 809 10	4 808 65	4 810 99	4 808 83	4 801 19	4 805 05
	HDG	4 829 10	4 828 65	4 830 99	4 828 83	4 821 19	4 825 05
25 x 300	PG	4 809 11	4 808 66	4 811 10	4 808 84	4 801 26	4 807 28
	HDG	4 829 11	4 828 66	4 831 00	4 828 84	4 821 26	4 827 28
25 x 400	PG	4 811 88	4 808 67	4 832 52	4 808 85	4 801 27	4 807 45
	HDG	4 831 88	4 828 67	4 834 52	4 828 85	4 821 27	4 827 45
25 x 500	PG	4 811 89	4 808 68	4 832 53	4 808 86	4 801 28	4 807 46
	HDG	4 831 89	4 828 68	4 834 53	4 828 86	4 821 28	4 827 46

CROSS-SECTION (MM)	FINISH	ACCESSORIES				
		Inside risers	Covers for inside risers	Outside risers	Covers for outside risers	End caps
						
25 x 75	PG	4 809 72	4 808 89	4 810 31	4 807 99	4 815 18
	HDG	4 829 72	4 828 89	4 820 31	4 827 99	4 835 18
25 x 100	PG	4 809 73	4 808 90	4 810 32	4 808 08	4 815 19
	HDG	4 829 73	4 828 90	4 820 32	4 828 08	4 835 19
25 x 150	PG	4 809 74	4 808 91	4 810 33	4 808 09	4 815 20
	HDG	4 829 74	4 828 91	4 820 33	4 828 09	4 835 20
25 x 200	PG	4 809 75	4 808 92	4 810 34	4 808 18	4 815 21
	HDG	4 829 75	4 828 92	4 820 34	4 828 18	4 835 21
25 x 300	PG	4 809 76	4 808 93	4 810 35	4 808 19	4 815 22
	HDG	4 829 76	4 828 93	4 820 35	4 828 19	4 835 22
25 x 400	PG	4 839 77	4 808 96	4 830 36	4 808 27	4 815 23
	HDG	4 839 84	4 828 96	4 833 36	4 828 27	4 835 23
25 x 500	PG	4 839 78	4 808 97	4 830 37	4 808 28	4 815 24
	HDG	4 839 85	4 828 97	4 833 37	4 828 28	4 835 24

## P31 - perforated metal cable trays

25 mm high

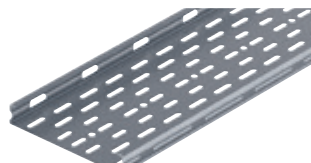
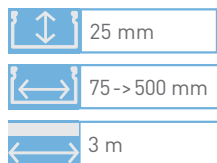
### P31 - male / female coupling system cable trays



4 850 48

Pack	Cat.Nos		Designation	Width (mm)
	<b>PG</b>	<b>HDG</b>		
1	4 800 45	4 821 45	P31 MF 25 x 75	75
1	4 800 46	4 821 46	P31 MF 25 x 100	100
1	4 800 47	4 821 47	P31 MF 25 x 150	150
1	4 850 48	4 852 48	P31 MF 25 x 200	200
1	4 850 49	4 852 49	P31 MF 25 x 300	300
1	4 800 50	4 820 50	P31 MF 25 x 400	400
1	4 800 51	4 820 51	P31 MF 25 x 500	500

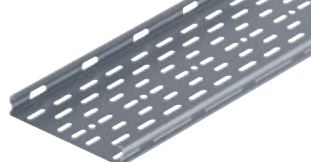
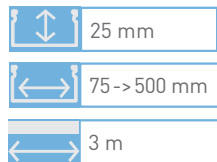
### P31 - traditional coupling cable trays 1.2/1.5 mm thick



4 804 44

Pack	Cat.Nos		Designation	Width (mm)
	<b>PG</b>	<b>HDG</b>		
1	4 813 87	4 833 87	P31 EP 1.2/1.5 25 x 75	75
1	4 804 42	4 824 42	P31 EP 1.2/1.5 25 x 100	100
1	4 804 43	4 824 43	P31 EP 1.2/1.5 25 x 150	150
1	4 804 44	4 824 44	P31 EP 1.2/1.5 25 x 200	200
1	4 801 23	4 820 03	P31 EP 1.2/1.5 25 x 300	300
1	4 801 24	4 820 04	P31 EP 1.2/1.5 25 x 400	400
1	4 801 25	4 820 05	P31 EP 1.2/1.5 25 x 500	500

### P31 - traditional coupling cable trays 2 mm thick



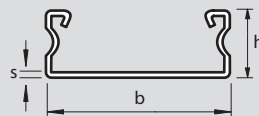
4 877 93

Pack	Cat.Nos		Designation	Width (mm)
	<b>PG</b>	<b>HDG</b>		
1	4 877 90	4 877 80	P31 EP 2.0 25 x 75	75
1	4 877 91	4 877 81	P31 EP 2.0 25 x 100	100
1	4 877 92	4 877 82	P31 EP 2.0 25 x 150	150
1	4 877 93	4 877 83	P31 EP 2.0 25 x 200	200
1	4 877 94	4 877 84	P31 EP 2.0 25 x 300	300
1	4 877 95	4 877 85	P31 EP 2.0 25 x 400	400
1	4 877 96	4 877 86	P31 EP 2.0 25 x 500	500

## P31 - perforated metal cable trays

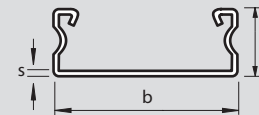
25 mm high - technical characteristics

### P31 - male / female coupling system cable trays



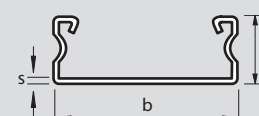
Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 800 45 4 821 45	27	77	0.6	3000	1938	1.99
4 800 46 4 821 46	27	100	0.6	3000	2545	2.32
4 800 47 4 821 47	27	150	0.6	3000	3865	2.95
4 850 48 4 852 48	27	200	0.6	3000	5185	3.65
4 850 49 4 852 49	27	300	0.6	3000	7825	4.95
4 800 50 4 820 50	27	400	0.9	3000	10465	9.35
4 800 51 4 820 51	27	500	0.9	3000	13105	11.31

### P31 - cable trays 1.2/1.5 mm thick



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 813 87 4 833 87	27	77	1.2	3000	1776	3.30
4 804 42 4 824 42	27	100	1.5	3000	2328	4.90
4 804 43 4 824 43	27	150	1.5	3000	3528	6.50
4 804 44 4 824 44	27	200	1.5	3000	4728	8.10
4 801 23 4 820 03	27	300	1.5	3000	7128	11.20
4 801 24 4 820 04	27	400	1.5	3000	9528	14.30
4 801 25 4 820 05	27	500	1.5	3000	11928	17.40

### P31 - cable trays 2 mm thick

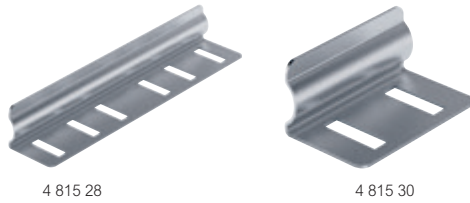


Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 877 90 4 877 80	27	77	2	3000	1679	5.10
4 877 91 4 877 81	27	100	2	3000	2208	6.20
4 877 92 4 877 82	27	150	2	3000	3358	8.30
4 877 93 4 877 83	27	200	2	3000	4508	10.50
4 877 94 4 877 84	27	300	2	3000	6808	14.70
4 877 95 4 877 85	27	400	2	3000	9108	18.80
4 877 96 4 877 86	27	500	2	3000	11408	23.00

## Traditional coupling and covers

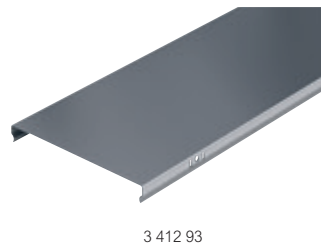
25 mm high

### Traditional coupling



Pack	Cat.Nos		Designation
	<b>PG</b>	<b>HDC</b>	
10	4 815 28	4 835 28	EC coupler
10	4 815 30	4 835 30	EA coupler
100	4 874 70	4 874 71	External bracket coupler for P31, 1.2/1.5 mm thick

### Covers



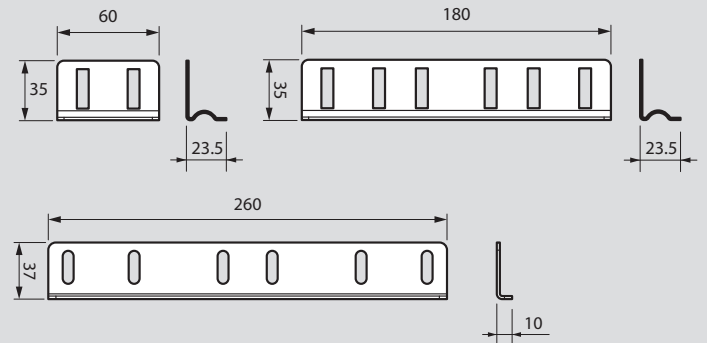
### Clip-on covers

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDC</b>	
			<b>Length 2 m</b>
1	3 412 90	3 432 90	75
1	3 412 91	3 432 91	100
1	3 412 92	3 432 92	150
1	3 412 93	3 432 93	200
1	3 412 94	3 432 94	300
1	3 412 95	3 432 95	400
1	3 412 96	3 432 96	500
			<b>Length 3 m</b>
1	3 401 90	3 421 70	75
1	3 401 91	3 421 71	100
1	3 401 92	3 421 72	150
1	3 401 93	3 421 52	200
1	3 401 94	3 421 53	300
1	3 401 95	3 421 54	400
1	3 401 96	3 421 55	500

## Traditional coupling and covers

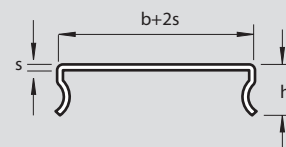
25 mm high - technical characteristics

### Traditional coupling



Cat.Nos	Thickness	Weight (kg)
4 815 28 4 835 28	1.2	0.03
4 815 30 4 835 30	1.2	0.09
4 874 70 4 874 71	2	0.17

### Covers



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Weight (kg)
3 412 90	19	77	0.5	2000	0.92
3 432 90	19	77	0.8	2000	0.90
3 412 91	19	100	0.5	2000	0.55
3 432 91	19	100	0.8	2000	1.8
3 412 92	19	150	0.5	2000	2.98
3 432 92	19	150	0.8	2000	1.80
3 412 93	19	200	0.5	2000	3.76
3 432 93	19	200	0.8	2000	3
3 412 94	19	300	0.6	2000	1.60
3 432 94	19	300	0.8	2000	4.3
3 412 95	19	400	0.75	2000	5.18
3 432 95	19	400	0.8	2000	5.5
3 412 96	19	500	0.75	2000	6.35
3 432 96	19	500	0.8	2000	6.8
3 401 90	19	77	0.5	3000	1.4
3 421 70	19	77	0.8	3000	2.2
3 401 91	19	100	0.5	3000	1.7
3 421 71	19	100	0.8	3000	2.6
3 401 92	19	150	0.5	3000	2.2
3 421 72	19	150	0.8	3000	3.6
3 401 93	19	200	0.5	3000	2.8
3 421 52	19	200	0.8	3000	4.5
3 401 94	19	300	0.6	3000	4.8
3 421 53	19	300	0.8	3000	6.4
3 401 95	19	400	0.75	3000	7.8
3 421 54	19	400	0.8	3000	8.3
3 401 96	19	500	0.75	3000	9.5
3 421 55	19	500	0.8	3000	10.2

## 90° bends and covers

25 mm high

### 90° bends



4 809 10

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDC</b>	
1	4 809 07	4 829 07	75
1	4 809 08	4 829 08	100
1	4 809 09	4 829 09	150
1	4 809 10	4 829 10	200
1	4 809 11	4 829 11	300
1	4 811 88	4 831 88	400
1	4 811 89	4 831 89	500

### Covers for 90° bends



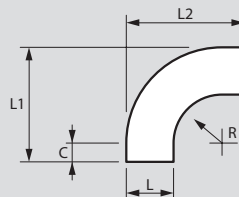
4 808 65

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDC</b>	
1	4 808 62	4 828 62	75
1	4 808 63	4 828 63	100
1	4 808 64	4 828 64	150
1	4 808 65	4 828 65	200
1	4 808 66	4 828 66	300
1	4 808 67	4 828 67	400
1	4 808 68	4 828 68	500

## 90° bends and covers

25 mm high - technical characteristics

### Dimensions and weights



### 90° bends

Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	C (mm)	Weight (kg)
4 809 07 4 829 07	27	79	100	229	229	50	0.3
4 809 08 4 829 08	27	102	100	252	252	50	0.36
4 809 09 4 829 09	27	152	100	302	302	50	0.51
4 809 10 4 829 10	27	202	100	352	352	50	0.68
4 809 11 4 829 11	27	302	100	452	452	50	1.08
4 811 88 4 831 88	27	402	100	552	552	50	1.56
4 811 89 4 831 89	27	502	100	652	652	50	2.13

### Covers for 90° bends

Cat.Nos	Weight (kg)
4 808 62 4 828 62	0.19
4 808 63 4 828 63	0.25
4 808 64 4 828 64	0.38
4 808 65 4 828 65	0.54
4 808 66 4 828 66	0.92
4 808 67 4 828 67	1.46
4 808 68 4 828 68	2.02

## Tees and covers

25 mm high

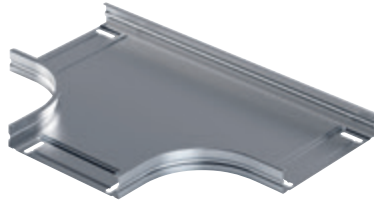
### Tees



25 mm



75 -> 500 mm



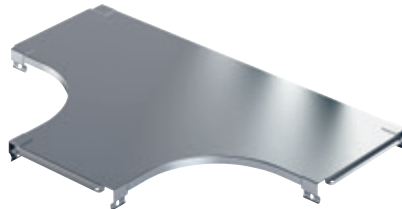
4 810 99

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDC</b>	
1	4 810 96	4 820 96	75
1	4 810 97	4 830 97	100
1	4 810 98	4 830 98	150
1	4 810 99	4 830 99	200
1	4 811 10	4 831 00	300
1	4 832 52	4 834 52	400
1	4 832 53	4 834 53	500

### Covers for tees



75 -> 500 mm



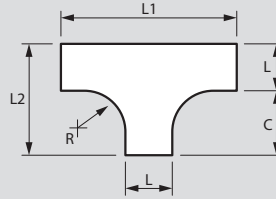
4 808 83

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDC</b>	
1	4 808 80	4 828 80	75
1	4 808 81	4 828 81	100
1	4 808 82	4 828 82	150
1	4 808 83	4 828 83	200
1	4 808 84	4 828 84	300
1	4 808 85	4 828 85	400
1	4 808 86	4 828 86	500

## Tees and covers

25 mm high - technical characteristics

### ■ Dimensions and weights



### Tees

Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	C (mm)	Weight (kg)
<b>4 810 96</b> <b>4 820 96</b>	30.9	79	100	378	229	149.3	0.48
<b>4 810 97</b> <b>4 830 97</b>	30.9	102	100	401	252	149.3	0.57
<b>4 810 98</b> <b>4 830 98</b>	30.9	152	100	451	302	149.3	0.77
<b>4 810 99</b> <b>4 830 99</b>	30.9	202	100	501	352	149.3	1.01
<b>4 811 10</b> <b>4 831 00</b>	30.9	302	100	601	452	149.3	1.57
<b>4 832 52</b> <b>4 834 52</b>	30.9	402	100	701	552	149.3	2.21
<b>4 832 53</b> <b>4 834 53</b>	30.9	502	100	801	652	149.3	2.99

### Covers for tees

Cat.Nos	Weight (kg)
<b>4 808 80</b> <b>4 828 80</b>	0.33
<b>4 808 81</b> <b>4 828 81</b>	0.42
<b>4 808 82</b> <b>4 828 82</b>	0.62
<b>4 808 83</b> <b>4 828 83</b>	0.85
<b>4 808 84</b> <b>4 828 84</b>	1.40
<b>4 808 85</b> <b>4 828 85</b>	2.11
<b>4 808 86</b> <b>4 828 86</b>	2.87

## Junctions and covers

25 mm high

### Junctions

25 mm

75 -> 500 mm

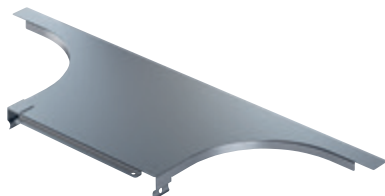


4 801 19

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDC</b>	
1	4 801 08	4 821 08	75
1	4 801 09	4 821 09	100
1	4 801 18	4 821 18	150
1	4 801 19	4 821 19	200
1	4 801 26	4 821 26	300
1	4 801 27	4 821 27	400
1	4 801 28	4 821 28	500

### Covers for junctions

75 -> 500 mm



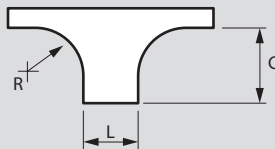
4 805 05

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDC</b>	
1	4 805 02	4 825 02	75
1	4 805 03	4 825 03	100
1	4 805 04	4 825 04	150
1	4 805 05	4 825 05	200
1	4 807 28	4 827 28	300
1	4 807 45	4 827 45	400
1	4 807 46	4 827 46	500

## Junctions and covers

25 mm high - technical characteristics

### Dimensions and weights



### Junctions

Cat.Nos	H (mm)	L (mm)	R (mm)	C (mm)	Weight (kg)
4 801 08 4 821 08	30.4	79	100	149	0.27
4 801 09 4 821 09	30.4	102	100	149	0.29
4 801 18 4 821 18	30.4	152	100	149	0.35
4 801 19 4 821 19	30.4	202	100	149	0.40
4 801 26 4 821 26	30.4	302	100	149	0.50
4 801 27 4 821 27	30.4	402	100	149	0.60
4 801 28 4 821 28	30.4	502	100	149	0.70

### Covers for junctions

Cat.Nos	Weight (kg)
4 805 02 4 825 02	0.18
4 805 03 4 825 03	0.2
4 805 04 4 825 04	0.25
4 805 05 4 825 05	0.30
4 807 28 4 827 28	0.41
4 807 45 4 827 45	0.55
4 807 46 4 827 46	0.65



## Inside risers

25 mm high

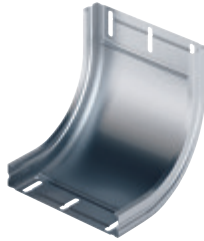
### Inside risers



25 mm



75 -> 500 mm



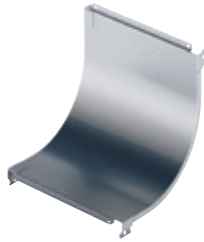
4 809 75

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDG</b>	
1	4 809 72	4 829 72	75
1	4 809 73	4 829 73	100
1	4 809 74	4 829 74	150
1	4 809 75	4 829 75	200
1	4 809 76	4 829 76	300
1	4 839 77	4 839 84	400
1	4 839 78	4 839 85	500

### Covers for inside risers



75 -> 500 mm



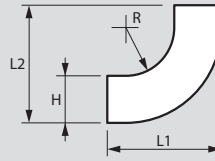
4 808 92

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDG</b>	
1	4 808 89	4 828 89	75
1	4 808 90	4 828 90	100
1	4 808 91	4 828 91	150
1	4 808 92	4 828 92	200
1	4 808 93	4 828 93	300
1	4 808 96	4 828 96	400
1	4 808 97	4 828 97	500

## Inside risers

25 mm high - technical characteristics

### Dimensions and weights



### Inside risers

Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	Weight (kg)
4 809 72 4 829 72	30.4	79	100	185	185	0.29
4 809 73 4 829 73	30.4	102	100	185	185	0.33
4 809 74 4 829 74	30.4	152	100	185	185	0.41
4 809 75 4 829 75	30.9	202	100	185	185	0.5
4 809 76 4 829 76	30.9	302	100	185	185	0.68
4 839 77 4 839 84	30.9	402	100	185	185	0.83
4 839 78 4 839 85	30.9	502	100	185	185	1

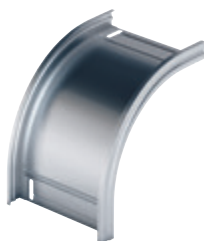
### Covers for inside risers

Cat.Nos	Weight (kg)
4 808 89 4 828 89	0.15
4 808 90 4 828 90	0.18
4 808 91 4 828 91	0.26
4 808 92 4 828 92	0.34
4 808 93 4 828 93	0.5
4 808 96	0.67
4 828 96	0.58
4 808 97	0.82
4 828 97	0.73

## Outside risers

25 mm high

### Outside risers



4 810 34

Pack	Cat.Nos		For P31 width:
	PG	HDG	
1	4 810 31	4 820 31	75
1	4 810 32	4 820 32	100
1	4 810 33	4 820 33	150
1	4 810 34	4 820 34	200
1	4 810 35	4 820 35	300
1	4 830 36	4 833 36	400
1	4 830 37	4 833 37	500

### Covers for outside risers



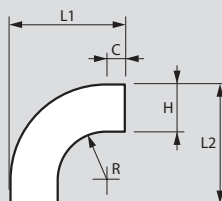
4 808 18

Pack	Cat.Nos		For P31 width:
	PG	HDG	
1	4 807 99	4 827 99	75
1	4 808 08	4 828 08	100
1	4 808 09	4 828 09	150
1	4 808 18	4 828 18	200
1	4 808 19	4 828 19	300
1	4 808 27	4 828 27	400
1	4 808 28	4 828 28	500

## Outside risers

25 mm high - technical characteristics

### Dimensions and weights



### Outside risers

Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	C (mm)	Weight (kg)
4 810 31 4 820 31	27	77	173	255	255	55	0.29
4 810 32 4 820 32	27	100	173	255	255	55	0.33
4 810 33 4 820 33	27	150	173	255	255	55	0.41
4 810 34 4 820 34	27	200	173	255	255	55	0.5
4 810 35 4 820 35	27	300	173	255	255	55	0.68
4 830 36 4 833 36	27	400	173	255	255	55	0.83
4 830 37 4 833 37	27	500	173	255	255	55	1.10

### Covers for outside risers

Cat.Nos	Weight (kg)
4 807 99 4 827 99	0.25
4 808 08 4 828 08	0.3
4 808 09 4 828 09	0.42
4 808 18 4 828 18	0.55
4 808 19 4 828 19	0.8
4 808 27 4 828 27	1.07
4 808 28 4 828 28	1.29

## Support and accessories

25 mm high

### Universal support



3 411 62

Pack	Cat.Nos	Designation
1	<b>PG</b> 3 411 62	Universal support

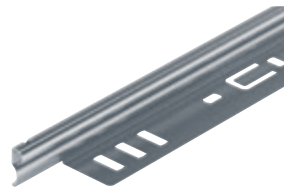
### End caps



4 815 21

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDC</b>	
1	4 815 18	4 835 18	75
1	4 815 19	4 835 19	100
1	4 815 20	4 835 20	150
1	4 815 21	4 835 21	200
1	4 815 22	4 835 22	300
1	4 815 23	4 835 23	400
1	4 815 24	4 835 24	500

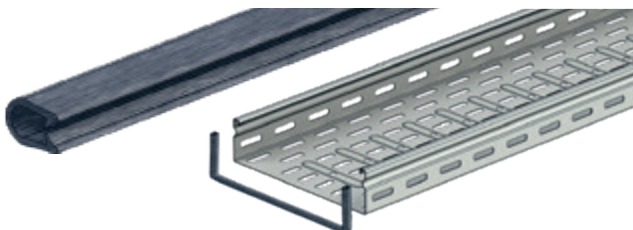
### Divider



4 815 16

Pack	Cat.Nos		Designation
	<b>PG</b>	<b>HDC</b>	
1	4 815 16	4 835 16	Divider

### Protective end cover



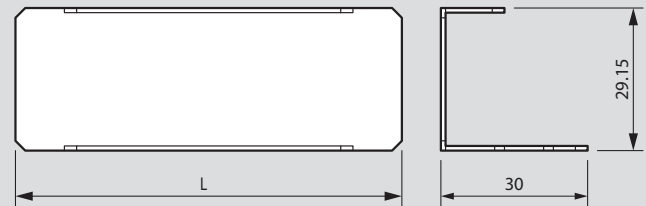
5 223 54

Pack	Cat.Nos	Designation
	<b>PG</b>	
1	5 223 54	Protective end cover (pouch of 5 pieces)

## Support and accessories

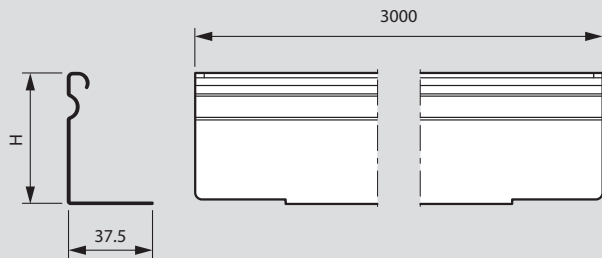
25 mm high - technical characteristics

### End caps



Cat.Nos	L (mm)	Weight (kg)
4 815 18 4 835 18	79	0.04
4 815 19 4 835 19	102	0.05
4 815 20 4 835 20	152	0.06
4 815 21 4 835 21	202	0.07
4 815 22 4 835 22	302	0.11
4 815 23 4 835 23	402	0.13
4 815 24 4 835 24	502	0.16




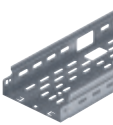
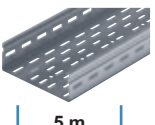
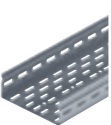
### Dividers



Cat.Nos	Weight (kg)
4 815 16 4 835 16	0.15

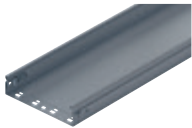

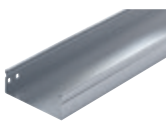
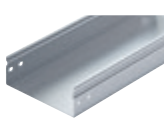
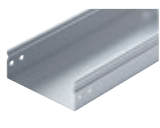
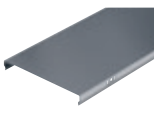
# P31 - metal cable trays 60 mm high

## selection chart

CROSS-SECTION (MM)	FINISH	LENGTHS OF PERFORATED METAL CABLE TRAYS										
		Automatic coupling cable trays		Male / female coupling system cable trays	Traditional coupling cable trays <sup>(2)</sup>	Automatic coupling cable trays with cutouts for cable exit		MBR automatic coupling cable trays	Traditional coupling cable trays 1.5 mm thick			Traditional coupling cable trays 2 mm thick
					Side cutouts	Bottom & side cutouts			3 m	5 m	6 m	
60 x 75	PG	-	4 801 10	4 812 19	4 805 61	4 812 60	4 870 00	4 818 23	4 872 11	-	-	4 879 11
	HDG	-	-	4 821 10	4 805 71	-	-	-	4 822 12	-	-	4 879 17
	ZnMg	-	4 853 48	-	-	-	-	-	-	-	-	-
	RAL	-	4 841 10	-	4 805 81	-	-	-	-	-	-	-
	304L	-	4 880 10	-	-	-	-	-	-	-	-	-
	316L	-	4 887 90	-	-	-	-	-	-	-	-	-
60 x 100	PG	4 871 11 <sup>(1)</sup>	4 801 11	4 812 20	4 805 62	4 812 61	4 870 01	4 818 24	4 872 21	4 870 21 <sup>(3)</sup>	4 870 31 <sup>(4)</sup>	4 879 21
	HDG	-	-	4 821 11	4 805 72	-	-	-	4 822 22	-	-	4 879 27
	ZnMg	-	4 853 49	-	-	-	-	-	-	-	-	-
	RAL	-	4 841 11	-	4 805 82	-	-	-	-	-	-	-
	304L	-	4 880 11	-	-	-	-	-	-	-	-	-
	316L	-	4 887 98	-	-	-	-	-	-	-	-	-
60 x 150	PG	-	4 801 12	4 812 21	4 805 63	4 812 62	4 870 02	4 818 25	4 872 31	4 870 22 <sup>(3)</sup>	4 870 32 <sup>(4)</sup>	4 879 31
	HDG	-	-	4 821 12	4 805 73	-	-	-	4 872 32	-	-	4 879 37
	ZnMg	-	4 853 50	-	-	-	-	-	-	-	-	-
	RAL	-	4 841 12	-	4 805 83	-	-	-	-	-	-	-
	304L	-	4 880 12	-	-	-	-	-	-	-	-	-
	316L	-	4 887 92	-	-	-	-	-	-	-	-	-
60 x 200	PG	4 871 13 <sup>(1)</sup>	4 801 13	4 812 22	4 805 64	4 812 63	4 870 03	4 818 26	4 872 41	4 870 23 <sup>(3)</sup>	4 870 33 <sup>(4)</sup>	4 879 41
	HDG	-	-	4 821 13	4 805 74	-	-	-	4 872 42	4 870 24 <sup>(3)</sup>	4 870 34 <sup>(4)</sup>	4 879 47
	ZnMg	-	4 853 51	-	-	-	-	-	-	-	-	-
	RAL	-	4 841 13	-	4 805 84	-	-	-	-	-	-	-
	304L	-	4 880 13	-	-	-	-	-	-	-	-	-
	316L	-	4 887 93	-	-	-	-	-	-	-	-	-
60 x 300	PG	4 871 14 <sup>(1)</sup>	4 801 14	4 812 23	4 805 65	4 812 64	4 870 04	4 818 27	4 872 51	-	-	4 879 51
	HDG	-	-	4 821 14	4 805 75	-	-	-	4 872 52	-	-	4 879 57
	ZnMg	-	4 853 52	-	-	-	-	-	-	-	-	-
	RAL	-	4 841 14	-	4 805 85	-	-	-	-	-	-	-
	304L	-	4 880 14	-	-	-	-	-	-	-	-	-
	316L	-	4 887 94	-	-	-	-	-	-	-	-	-
60 x 400	PG	-	4 801 15	4 812 24	4 805 66	4 812 65	4 870 05	-	4 872 61	-	-	4 879 61
	HDG	-	-	4 821 15	4 805 76	-	-	-	4 872 62	-	-	4 879 67
	ZnMg	-	4 853 53	-	-	-	-	-	-	-	-	-
	RAL	-	4 841 15	-	4 805 86	-	-	-	-	-	-	-
	304L	-	4 880 15	-	-	-	-	-	-	-	-	-
	316L	-	4 887 95	-	-	-	-	-	-	-	-	-
60 x 500	PG	-	4 801 16	4 812 25	4 805 67	-	-	-	4 872 71	-	-	4 879 71
	HDG	-	-	4 821 16	4 805 77	-	-	-	4 872 72	-	-	4 879 77
	ZnMg	-	4 853 54	-	-	-	-	-	-	-	-	-
	RAL	-	-	-	4 805 87	-	-	-	-	-	-	-
	304L	-	4 880 16	-	-	-	-	-	-	-	-	-
	316L	-	4 887 96	-	-	-	-	-	-	-	-	-
60 x 600	PG	-	4 801 17	4 812 26	4 805 68	-	-	-	4 872 81	-	-	4 879 81
	HDG	-	-	4 821 17	4 805 78	-	-	-	4 872 82	-	-	-
	ZnMg	-	4 853 55	-	-	-	-	-	-	-	-	-
	RAL	-	4 845 37	-	4 805 88	-	-	-	-	-	-	-
	304L	-	4 880 17	-	-	-	-	-	-	-	-	-
	316L	-	4 887 97	-	-	-	-	-	-	-	-	-

1: 2 metres long ; 2: 3.03 metres long ; 3: 5 metres long ; 4: 6 metres long

**LENGTHS OF BLIND METAL CABLE TRAYS**

	Automatic coupling cable trays	Male / female coupling system cable trays	Traditional coupling cable trays <sup>(2)</sup>	Traditional coupling cable trays 1.5 mm thick	Traditional coupling cable trays 2 mm thick	COVERS
						
	4 811 20	4 807 19	4 803 01	-	4 873 11	3 412 90 <sup>(1)</sup>
	-	4 825 56	4 810 61	-	-	3 432 90 <sup>(1)</sup>
	4 853 56					4 851 96
	4 841 20	-	4 812 41	-	-	3 448 90 <sup>(1)</sup>
	4 880 20	-	-	-	-	3 463 13
	4 888 00	-	-	-	-	3 466 13
	4 811 21	4 807 20	4 803 02	4 879 25	4 873 21	3 412 91 <sup>(1)</sup>
	-	4 825 49	4 810 62	4 879 26	-	3 432 91 <sup>(1)</sup>
	4 853 57					4 851 97
	4 841 21	-	4 812 42	-	-	3 448 91 <sup>(1)</sup>
	4 880 21	-	-	-	-	3 463 14
	4 888 01	-	-	-	-	3 466 14
	4 811 22	4 807 30	4 803 03	4 879 35	4 873 31	3 412 92 <sup>(1)</sup>
	-	4 825 50	4 810 63	4 879 36	-	3 432 92 <sup>(1)</sup>
	4 853 58					4 851 98
	4 841 22	-	4 812 43	-	-	3 448 92 <sup>(1)</sup>
	4 880 22	-	-	-	-	3 463 15
	4 888 02	-	-	-	-	3 466 15
	4 811 23	4 807 40	4 803 04	4 879 45	4 873 41	3 412 93 <sup>(1)</sup>
	-	4 825 51	4 810 64	4 879 46	-	3 432 93 <sup>(1)</sup>
	4 853 59					4 851 99
	4 841 23	-	4 812 44	-	-	3 448 93 <sup>(1)</sup>
	4 880 23	-	-	-	-	3 463 16
	4 888 03	-	-	-	-	3 466 16
	4 811 24	4 807 60	4 803 05	4 879 55	4 873 51	3 412 94 <sup>(1)</sup>
	-	4 825 52	4 810 65	4 879 56	-	3 432 94 <sup>(1)</sup>
	4 853 60					4 852 00
	4 841 24	-	4 812 45	-	-	3 448 94 <sup>(1)</sup>
	4 880 24	-	-	-	-	3 463 17
	4 888 04	-	-	-	-	3 466 17
	4 811 25	4 807 70	4 803 06	4 879 65	4 873 61	3 412 95 <sup>(1)</sup>
	-	4 825 53	4 810 66	4 879 66	-	3 432 95 <sup>(1)</sup>
	4 853 61					4 852 01
	4 841 25	-	4 812 46	-	-	3 448 95 <sup>(1)</sup>
	4 880 25	-	-	-	-	3 463 12
	4 888 05	-	-	-	-	3 466 12
	4 811 26	4 807 80	4 803 07	4 879 75	4 873 71	3 412 96 <sup>(1)</sup>
	-	4 825 54	4 810 67	4 879 76	-	3 432 96 <sup>(1)</sup>
	4 853 62					4 852 02
	-	-	4 812 47	-	-	-
	4 880 26	-	-	-	-	3 464 77
	4 888 06	-	-	-	-	4 864 77
	4 811 27	4 807 00	4 803 08	4 879 85	-	3 412 97 <sup>(1)</sup>
	-	4 825 55	4 810 69	4 879 86	-	3 432 97 <sup>(1)</sup>
	4 853 63					4 852 03
	4 841 37	-	4 812 48	-	-	3 448 97 <sup>(1)</sup>
	4 880 27	-	-	-	-	3 464 78
	4 888 07	-	-	-	-	4 864 78

# P31 - metal cable trays 60 mm high

## selection chart (continued)

CROSS-SECTION (MM)	FINISH	ACCESSORIES FOR CHANGING DIRECTION											
		90° bends	Covers for 90° bends	Adjustable bends	Covers for adjustable bends	45° bends	Covers for 45° bends	30° bends	Covers for 30° bends	15° bends	Covers for 15° bends	Universal bends	Covers for universal bends
60 x 75	PG	4 807 50	4 808 62	4 817 70	4 800 94	4 878 40	4 879 30	4 878 04	4 879 20	4 878 00	4 879 10	4 811 73	3 411 74
	HDG	4 827 50	4 828 62	-	-	-	-	-	-	-	-	4 822 73	3 431 74
	ZnMg	4 854 07	4 852 12	-	-	-	-	-	-	-	-	-	-
	RAL	4 847 50	4 841 40	4 847 70	4 840 94	-	-	-	-	-	-	4 851 73	3 451 74
	316L	4 868 30	4 880 00	-	-	-	-	-	-	-	-	-	-
60 x 100	PG	4 807 51	4 808 63	4 817 71	4 800 95	4 878 38	4 879 28	4 878 08	4 879 18	4 877 98	4 879 08	4 811 73	3 411 74
	HDG	4 827 51	4 828 63	-	-	-	-	-	-	-	-	4 822 73	3 431 74
	ZnMg	4 854 08	4 852 13	-	-	-	-	-	-	-	-	-	-
	RAL	4 847 51	4 841 41	4 847 71	4 840 95	-	-	-	-	-	-	4 851 73	3 451 74
	316L	4 868 31	4 880 01	-	-	-	-	-	-	-	-	-	-
60 x 150	PG	4 807 52	4 808 64	4 817 72	4 800 96	4 878 39	4 879 29	4 878 09	4 879 19	4 877 99	4 879 09	4 811 73	3 411 74
	HDG	4 827 52	4 828 64	-	-	-	-	-	-	-	-	4 822 73	3 431 74
	ZnMg	4 854 09	4 852 14	-	-	-	-	-	-	-	-	-	-
	RAL	4 847 52	4 841 42	4 847 72	4 840 96	-	-	-	-	-	-	4 851 73	3 451 74
	316L	4 868 32	4 880 02	-	-	-	-	-	-	-	-	-	-
60 x 200	PG	4 807 53	4 808 65	4 817 73	4 800 97	4 878 41	4 879 32	4 878 05	4 879 22	4 878 01	4 879 12	4 811 73	3 411 74
	HDG	4 827 53	4 828 65	-	-	-	-	-	-	-	-	4 822 73	3 431 74
	ZnMg	4 854 10 <sup>(1)</sup>	4 852 15	-	-	-	-	-	-	-	-	-	-
	RAL	4 847 53	4 841 43	4 847 73	4 840 97	-	-	-	-	-	-	4 851 73	3 451 74
	316L	4 868 33	4 880 03	-	-	-	-	-	-	-	-	-	-
60 x 300	PG	4 807 54	4 808 66	4 817 74	4 800 98	4 878 42	4 879 33	4 878 06	4 879 23	4 878 02	4 879 13	4 811 73	3 411 74
	HDG	4 827 54	4 828 66	-	-	-	-	-	-	-	-	4 822 73	3 431 74
	ZnMg	4 854 11 <sup>(1)</sup>	4 852 16	-	-	-	-	-	-	-	-	-	-
	RAL	4 847 54	4 841 44	4 847 74	4 840 98	-	-	-	-	-	-	4 851 73	3 451 74
	316L	4 868 34	4 880 04	-	-	-	-	-	-	-	-	-	-
60 x 400	PG	4 807 55	4 808 67	4 817 75	-	4 878 43	4 879 34	4 878 07	4 879 24	4 878 03	4 879 14	4 811 73	3 411 74
	HDG	4 827 55	4 828 67	-	-	-	-	-	-	-	-	4 822 73	3 431 74
	ZnMg	4 854 12 <sup>(1)</sup>	4 852 17	-	-	-	-	-	-	-	-	-	-
	RAL	4 847 55	4 841 45	4 847 75	-	-	-	-	-	-	-	4 851 73	3 451 74
	316L	4 868 35	4 880 05	-	-	-	-	-	-	-	-	-	-
60 x 500	PG	4 807 56	4 808 68	4 817 76	-	-	-	-	-	-	-	4 811 73	3 411 74
	HDG	4 827 56	4 828 68	-	-	-	-	-	-	-	-	4 822 73	3 431 74
	ZnMg	4 854 13 <sup>(1)</sup>	4 852 18	-	-	-	-	-	-	-	-	-	-
	RAL	-	-	-	-	-	-	-	-	-	-	4 851 73	3 451 74
	316L	4 868 36	4 880 06	-	-	-	-	-	-	-	-	-	-
60 x 600	PG	4 807 57	4 808 69	4 817 77	-	-	-	-	-	-	-	4 811 73	3 411 74
	HDG	4 827 57	4 833 14	-	-	-	-	-	-	-	-	4 822 73	3 431 74
	ZnMg	4 854 14 <sup>(1)</sup>	4 852 19	-	-	-	-	-	-	-	-	-	-
	RAL	4 847 57	4 841 47	4 847 77	-	-	-	-	-	-	-	4 851 73	3 451 74
	316L	4 868 37	4 880 07	-	-	-	-	-	-	-	-	-	-

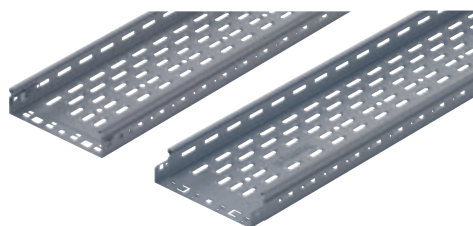
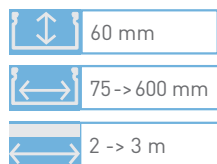
1: perforated

	Junctions	Covers for junctions	Tees	Covers for tees	Vertical T-junctions	Vertical junctions with riser	Inside risers	Covers for inside risers	Outside risers	Covers for outside risers	END CAPS
	4 817 80	4 805 02	4 807 90	4 808 80	4 801 41	-	4 808 10	4 808 89	4 808 00	4 890 00	4 811 56
	4 827 80	4 825 02	4 827 90	4 828 80	-	-	4 828 10	4 828 89	4 828 00	4 890 20	4 831 56
	4 854 15	4 852 74	-	-	-	-	4 853 91	4 853 06	4 853 99	4 853 22	-
	4 847 80	4 841 51	4 847 90	4 841 00	4 841 80	-	4 848 10	4 848 19	4 848 00	4 890 40	4 861 56
	4 868 40	4 880 92	4 880 30	4 880 50	-	-	4 868 70	4 881 30	4 868 80	4 890 60	4 882 15
	4 817 81	4 805 03	4 807 91	4 808 81	4 801 42	4 818 31	4 808 11	4 808 90	4 808 01	4 890 01	4 811 57
	4 827 81	4 825 03	4 827 91	4 828 81	-	-	4 828 11	4 828 90	4 828 01	4 890 21	4 831 57
	4 854 16	4 852 75	-	-	-	-	4 853 92	4 853 07	4 854 00	4 853 23	-
	4 847 81	4 841 52	4 847 91	4 841 01	4 841 81	4 848 31	4 848 11	4 848 20	4 848 01	4 890 41	4 861 57
	4 868 41	4 880 93	4 880 31	4 880 51	-	-	4 868 71	4 881 31	4 868 81	4 890 61	4 882 16
	4 817 82	4 805 04	4 807 92	4 808 82	4 801 43	4 818 32	4 808 12	4 808 91	4 808 02	4 890 02	4 811 58
	4 827 82	4 825 04	4 827 92	4 828 82	-	-	4 828 12	4 828 91	4 828 02	4 890 22	4 831 58
	4 854 17	4 852 76	-	-	-	-	4 853 93	4 853 08	4 854 01	4 853 24	-
	4 847 82	4 841 53	4 847 92	4 841 02	4 841 82	4 848 32	4 848 12	4 848 21	4 848 02	4 890 42	4 861 58
	4 868 42	4 880 94	4 880 32	4 880 52	-	-	4 868 72	4 881 32	4 868 82	4 890 62	4 882 17
	4 817 83	4 805 05	4 807 93	4 808 83	4 801 44	4 818 33	4 808 13	4 808 92	4 808 03	4 890 03	4 811 59
	4 827 83	4 825 05	4 817 93	4 828 83	-	-	4 828 13	4 828 92	4 828 03	4 890 23	4 831 59
	4 854 18	4 852 77	-	-	-	-	4 853 94	4 853 09	4 854 02	4 853 25	-
	4 847 83	4 841 54	4 847 93	4 841 03	4 841 83	4 848 33	4 848 13	4 848 22	4 848 03	4 890 43	4 861 59
	4 868 43	4 880 95	4 880 33	4 880 53	-	-	4 868 73	4 881 33	4 868 83	4 890 63	4 882 18
	4 817 84	4 807 28	4 807 94	4 808 84	4 801 45	4 818 34	4 808 14	4 808 93	4 808 04	4 890 04	4 811 60
	4 827 84	4 827 28	4 827 94	4 828 84	-	-	4 828 14	4 828 93	4 828 04	4 890 24	4 831 60
	4 854 19	4 852 78	-	-	-	-	4 853 95	4 853 10	4 854 03	4 853 26	-
	4 847 84	4 841 55	4 847 94	4 841 04	4 841 84	4 848 34	4 848 14	4 848 23	4 848 04	4 890 44	4 861 60
	4 868 44	4 880 96	4 880 34	4 880 54	-	-	4 868 74	4 881 34	4 868 84	4 890 64	4 882 19
	4 817 85	4 807 45	4 807 95	4 808 85	-	4 803 10	4 808 15	4 808 96	4 808 05	4 890 05	-
	4 827 85	4 827 45	4 827 95	4 828 85	-	-	4 828 15	4 828 96	4 828 05	4 890 25	-
	4 854 20	4 852 79	-	-	-	-	4 853 96 <sup>(1)</sup>	4 853 11	4 854 04 <sup>(1)</sup>	4 853 27	-
	4 847 85	4 841 56	4 847 95	4 841 05	-	4 843 10	4 848 15	4 848 24	4 848 05	4 890 45	-
	4 868 45	4 880 97	4 880 35	4 880 55	-	-	4 868 75	4 881 35	4 868 85	4 890 65	-
	4 817 86	4 807 46	4 807 96	4 808 86	-	4 803 11	4 808 16	4 808 97	4 808 06	4 890 06	-
	4 827 86	4 827 46	4 827 96	4 828 86	-	-	4 828 16	4 828 97	4 828 06	4 890 26	-
	4 854 21	4 852 80	-	-	-	-	4 853 97 <sup>(1)</sup>	4 853 12	4 854 05 <sup>(1)</sup>	4 853 28	-
	-	-	-	-	-	-	-	-	-	-	-
	4 868 46	4 880 98	4 880 36	4 880 56	-	-	4 868 76	4 881 36	4 868 86	4 890 66	-
	4 817 87	4 807 47	4 807 97	4 808 87	-	4 803 12	4 808 17	4 808 98	4 808 07	4 890 07	-
	4 827 87	4 827 47	4 827 97	4 833 77	-	-	4 828 17	4 828 98	4 828 07	4 890 27	-
	4 854 22	4 852 81	-	-	-	-	4 853 98 <sup>(1)</sup>	4 853 13	4 854 06 <sup>(1)</sup>	4 853 29	-
	4 847 87	4 841 58	4 847 97	4 841 07	-	4 843 12	4 848 17	4 848 26	4 848 07	4 890 47	-
	4 868 47	4 880 99	4 880 37	4 880 57	-	-	4 868 77	4 881 37	4 868 87	4 890 67	-

## P31 - perforated metal cable trays

60 mm high

### P31 - automatic coupling cable trays

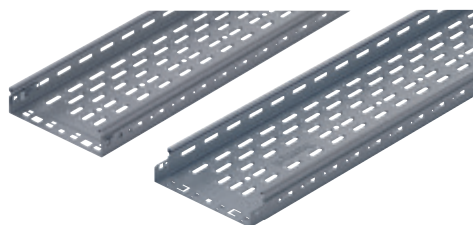
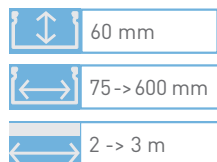


4 801 13

Fire resistant

Pack	Cat.Nos			Designation	Width (mm)
	<b>PG</b>	<b>ZnMg</b>	<b>RAL</b>	<b>Length 3 m</b>	
1	4 801 10	4 853 48	4 841 10	P31 MF auto 3 m 60 x 75	75
1	4 801 11	4 853 49	4 841 11	P31 MF auto 3 m 60 x 100	100
1	4 801 12	4 853 50	4 841 12	P31 MF auto 3 m 60 x 150	150
1	4 801 13	4 853 51	4 841 13	P31 MF auto 3 m 60 x 200	200
1	4 801 14	4 853 52	4 841 14	P31 MF auto 3 m 60 x 300	300
1	4 801 15	4 853 53	4 841 15	P31 MF auto 3 m 60 x 400	400
1	4 801 16	4 853 54	-	P31 MF auto 3 m 60 x 500	500
1	4 801 17	4 853 55	4 845 37	P31 MF auto 3 m 60 x 600	600
	<b>Length 2 m</b>				
1	4 871 11	-	-	P31 MF auto 2 m 60 x 100	100
1	4 871 13	-	-	P31 MF auto 2 m 60 x 200	200
1	4 871 14	-	-	P31 MF auto 2 m 60 x 300	300

### P31 stainless steel - automatic coupling cable trays



4 801 13

Fire resistant

Pack	Cat.Nos		Designation	Width (mm)
	<b>304L</b>	<b>316L</b>		
1	4 880 10	4 887 90	P31 MF auto 3 m 60 x 75	75
1	4 880 11	4 887 98	P31 MF auto 3 m 60 x 100	100
1	4 880 12	4 887 92	P31 MF auto 3 m 60 x 150	150
1	4 880 13	4 887 93	P31 MF auto 3 m 60 x 200	200
1	4 880 14	4 887 94	P31 MF auto 3 m 60 x 300	300
1	4 880 15	4 887 95	P31 MF auto 3 m 60 x 400	400
1	4 880 16	4 887 96	P31 MF auto 3 m 60 x 500	500
1	4 880 17	4 887 97	P31 MF auto 3 m 60 x 600	600

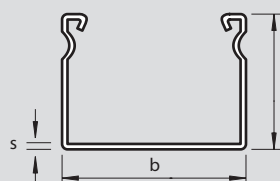
Covers p. 30



## P31 - perforated metal cable trays

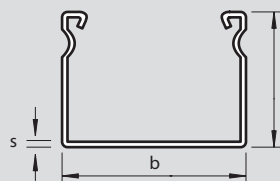
60 mm high - technical characteristics

### P31 - automatic coupling cable trays



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 801 10 4 853 48 4 841 10	60	77	0.6	3000	4333	2.85
4 801 11 4 863 49 4 841 11	60	100	0.6	3000	5667	3.18
4 801 12 4 853 50 4 841 12	60	150	0.6	3000	8567	3.8
4 801 13 4 853 51 4 841 13	60	200	0.6	3000	11.467	4.55
4 801 14 4 853 52 4 841 14	60	300	0.6	3000	17.267	6.82
4 801 15 4 853 53 4 841 15	60	400	0.9	3000	23032	10.67
4 801 16 4 853 54	60	500	0.9	3000	28832	12.61
4 801 17 4 853 55 4 845 37	60	600	0.9	3000	34632	14.56
4 871 11	60	100	0.6	1990	5667	2.13
4 871 13	60	200	0.6	1990	11467	3.05
4 871 14	60	300	0.6	1990	17267	3.95

### P31 stainless steel - automatic coupling cable trays



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 880 10 4 887 90	60	77	0.6	3000	4333	2.85
4 880 11 4 887 98	60	100	0.6	3000	5667	3.18
4 880 12 4 887 92	60	150	0.6	3000	8567	3.8
4 880 13 4 887 93	60	200	0.6	3000	11467	4.55
4 880 14 4 887 94	60	300	0.6	3000	17267	6.82
4 880 15 4 887 95	60	400	0.9	3000	23032	10.67
4 880 16 4 887 96	60	500	0.9	3000	28832	12.61
4 880 17 4 887 97	60	600	0.9	3000	34632	14.56

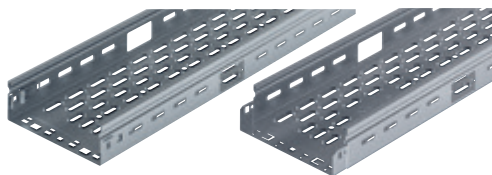


## P31 - perforated metal cable trays

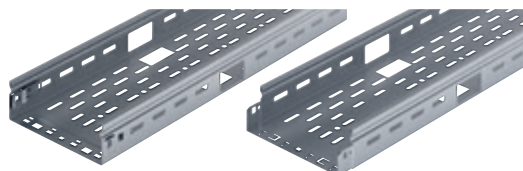
60 mm high (continued)

### P31 - automatic coupling cable trays with cutouts for cable exit

	60 mm
	75 -> 400 mm
	3 m



4 812 63

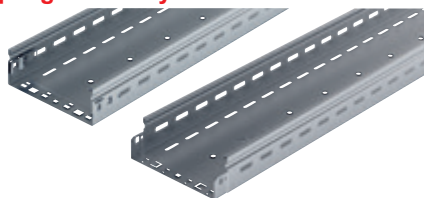


4 870 03

Pack	Cat.Nos	Designation	Width (mm)
	<b>PG</b>	<b>Side cutouts</b>	
1	4 812 60	P31 CPC MF auto 60 x 75	75
1	4 812 61	P31 CPC MF auto 60 x 100	100
1	4 812 62	P31 CPC MF auto 60 x 150	150
1	4 812 63	P31 CPC MF auto 60 x 200	200
1	4 812 64	P31 CPC MF auto 60 x 300	300
1	4 812 65	P31 CPC MF auto 60 x 400	400
		<b>Bottom and side cutouts</b>	
1	4 870 00	P31 SB MF auto 60 x 75	75
1	4 870 01	P31 SB MF auto 60 x 100	100
1	4 870 02	P31 SB MF auto 60 x 150	150
1	4 870 03	P31 SB MF auto 60 x 200	200
1	4 870 04	P31 SB MF auto 60 x 300	300
1	4 870 05	P31 SB MF auto 60 x 400	400

### P31 - MBR automatic coupling cable trays

	60 mm
	75 -> 300 mm
	3 m



4 818 26

Pack	Cat.Nos	Designation	Width (mm)
	<b>PG</b>		
1	4 818 23	P31 MBR M/F auto 60 x 75	75
1	4 818 24	P31 MBR M/F auto 60 x 100	100
1	4 818 25	P31 MBR M/F auto 60 x 150	150
1	4 818 26	P31 MBR M/F auto 60 x 200	200
1	4 818 27	P31 MBR M/F auto 60 x 300	300

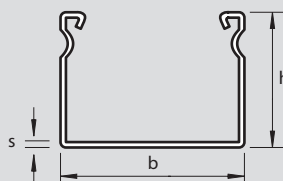
Covers p. 30



## P31 - perforated metal cable trays

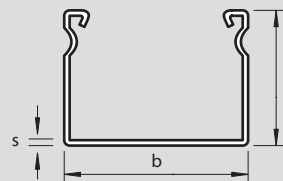
60 mm high (continued) - technical characteristics

### P31 - male / female coupling system cable trays with cutouts for cable exit



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 812 60	60	77	0.6	3000	4333	2.76
4 812 61	60	100	0.6	3000	5667	3.09
4 812 62	60	150	0.6	3000	8567	3.71
4 812 63	60	200	0.6	3000	11467	4.46
4 812 64	60	300	0.6	3000	17267	6.71
4 812 65	60	400	0.9	3000	23032	10.56
4 870 00	60	77	1	3000	4286	4.43
4 870 01	60	100	1	3000	5620	4.98
4 870 02	60	150	1	3000	8520	5.91
4 870 03	60	200	1	3000	11420	7.06
4 870 04	60	300	1	3000	17220	9.14
4 870 05	60	400	1	3000	23020	11.23

### P31 - MBR automatic coupling cable trays



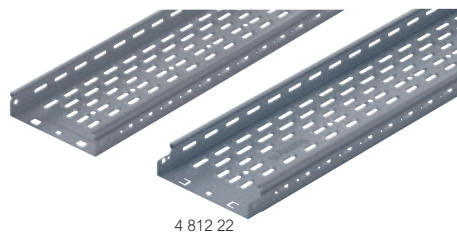
Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 818 23	60	77	0.6	3000	4457	2.95
4 818 24	60	100	0.6	3000	5809	3.28
4 818 25	60	150	0.6	3000	8567	3.8
4 818 26	60	200	0.6	3000	11467	4.71
4 818 27	60	300	0.6	3000	17267	7.14

## P31 - perforated metal cable trays

60 mm high (continued)

### P31 - male / female coupling system cable trays

	60 mm
	75 -> 600 mm
	3 m



4 812 22

Pack	Cat.Nos		Designation	Width (mm)
	<b>PG</b>	<b>HDC</b>		
1	4 812 19	4 821 10	P31 MF 60 x 75	75
1	4 812 20	4 821 11	P31 MF 60 x 100	100
1	4 812 21	4 821 12	P31 MF 60 x 150	150
1	4 812 22	4 821 13	P31 MF 60 x 200	200
1	4 812 23	4 821 14	P31 MF 60 x 300	300
1	4 812 24	4 821 15	P31 MF 60 x 400	400
1	4 812 25	4 821 16	P31 MF 60 x 500	500
1	4 812 26	4 821 17	P31 MF 60 x 600	600

### P31 - traditional coupling cable trays

	60 mm
	75 -> 600 mm
	3,03 m



4 805 64

Pack	Cat.Nos			Designation	Width (mm)
	<b>PG</b>	<b>HDC</b>	<b>RAL</b>		
1	4 805 61	4 805 71	4 805 81	P31 SYM 60 x 75	75
1	4 805 62	4 805 72	4 805 82	P31 SYM 60 x 100	100
1	4 805 63	4 805 73	4 805 83	P31 SYM 60 x 150	150
1	4 805 64	4 805 74	4 805 84	P31 SYM 60 x 200	200
1	4 805 65	4 805 75	4 805 85	P31 SYM 60 x 300	300
1	4 805 66	4 805 76	4 805 86	P31 SYM 60 x 400	400
1	4 805 67	4 805 77	4 805 87	P31 SYM 60 x 500	500
1	4 805 68	4 805 78	4 805 88	P31 SYM 60 x 600	600

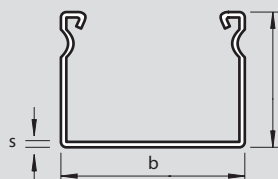
Covers p. 30



## P31 - perforated metal cable trays

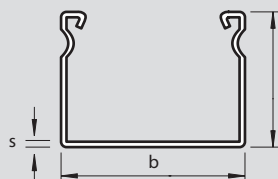
60 mm high (continued) - technical characteristics

### P31 - male / female coupling system cable trays



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 812 19 4 821 10	60	77	0.6	3000	4333	2.85
4 812 20 4 821 11	60	100	0.6	3000	5667	3.18
4 812 21 4 821 12	60	150	0.6	3000	8567	3.8
4 812 22 4 821 13	60	200	0.6	3000	11467	4.55
4 812 23 4 821 14	60	300	0.6	3000	17267	6.82
4 812 24 4 821 15	60	400	0.9	3000	23032	10.67
4 812 25 4 821 16	60	500	0.9	3000	28832	12.61
4 812 26 4 821 17	60	600	0.9	3000	34632	14.56

### P31 - traditional coupling cable trays



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 805 61 4 805 71 4 805 81	60	77	0.6	3030	4333	2.85
4 805 62 4 805 72 4 805 82	60	100	0.6	3030	5667	3.18
4 805 63 4 805 73 4 805 83	60	150	0.6	3030	8567	3.79
4 805 64 4 805 74 4 805 84	60	200	0.6	3030	11467	4.55
4 805 65 4 805 75 4 805 85	60	300	0.6	3030	17267	6.82
4 805 66 4 805 76 4 805 86	60	400	0.9	3030	23032	10.48
4 805 67 4 805 77 4 805 87	60	500	0.9	3030	28832	12.42
4 805 68 4 805 78 4 805 88	60	600	0.9	3030	34632	14.31

## P31 - perforated metal cable trays

60 mm high (continued)

### P31 - traditional coupling cable trays 1.5 mm thick

	60 mm
	75 -> 600 mm
	3 -> 6 m

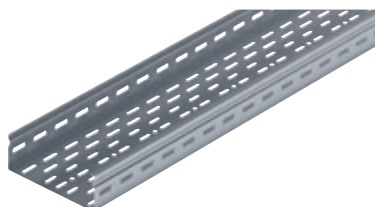


4 872 41

Pack	Cat.Nos		Designation	Width (mm)
	<b>PG</b>	<b>HDC</b>	<b>Length 3 m</b>	
1	4 872 11	4 822 12	P31 EP 1.5 3 m 60 x 75	75
1	4 872 21	4 822 22	P31 EP 1.5 3 m 60 x 100	100
1	4 872 31	4 872 32	P31 EP 1.5 3 m 60 x 150	150
1	4 872 41	4 872 42	P31 EP 1.5 3 m 60 x 200	200
1	4 872 51	4 872 52	P31 EP 1.5 3 m 60 x 300	300
1	4 872 61	4 872 62	P31 EP 1.5 3 m 60 x 400	400
1	4 872 71	4 872 72	P31 EP 1.5 3 m 60 x 500	500
1	4 872 81	4 872 82	P31 EP 1.5 3 m 60 x 600	600
			<b>Length 5 m</b>	
1	4 870 21	-	P31 EP 1.5 5 m 60 x 100	100
1	4 870 22	4 870 24	P31 EP 1.5 5 m 60 x 150	150
1	4 870 23	-	P31 EP 1.5 5 m 60 x 200	200
			<b>Length 6 m</b>	
1	4 870 31	-	P31 EP 1.5 6 m 60 x 100	100
1	4 870 32	-	P31 EP 1.5 6 m 60 x 150	150
1	4 870 33	4 870 34	P31 EP 1.5 6 m 60 x 200	200

### P31 - traditional coupling cable trays 2 mm thick

	60 mm
	75 -> 600 mm
	3 m



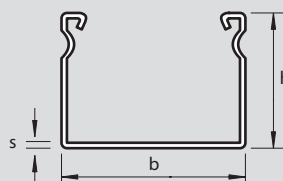
4 879 41

Pack	Cat.Nos		Designation	Width (mm)
	<b>PG</b>	<b>HDC</b>		
1	4 879 11	4 879 17	P31 EP 2 60 x 75	75
1	4 879 21	4 879 27	P31 EP 2 60 x 100	100
1	4 879 31	4 879 37	P31 EP 2 60 x 150	150
1	4 879 41	4 879 47	P31 EP 2 60 x 200	200
1	4 879 51	4 879 57	P31 EP 2 60 x 300	300
1	4 879 61	4 879 67	P31 EP 2 60 x 400	400
1	4 879 71	4 879 77	P31 EP 2 60 x 500	500
1	4 879 81	-	P31 EP 2 60 x 600	600

## P31 - perforated metal cable trays

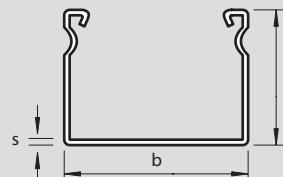
60 mm high (continued) - technical characteristics

### P31 - traditional coupling cable trays 1.5 mm thick



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 872 11 4 822 12	60	77	1.2	3000	4218	5.10
4 872 21 4 822 22	60	100	1.5	3000	5529	7.30
4 872 31 4 872 32	60	150	1.5	3000	8379	8.80
4 872 41 4 872 42	60	200	1.5	3000	11229	10.50
4 872 51 4 872 52	60	300	1.5	3000	16929	13.60
4 872 61 4 872 62	60	400	1.5	3000	22629	16.70
4 872 71 4 872 72	60	500	1.5	3000	28329	19.80
4 872 81 4 872 82	60	600	1.5	3000	34029	26.00
4 870 21	60	100	1.5	5000	5529	12.10
4 870 22	60	150	1.5	5000	8379	14.70
4 870 23	60	200	1.5	5000	11229	17.40
4 870 24	60	200	1.5	5000	11229	17.40
4 870 31	60	100	1.5	6000	5529	14.80
4 870 32	60	150	1.5	6000	8379	17.90
4 870 33	60	200	1.5	6000	11229	21.20
4 870 34	60	200	1.5	6000	11229	21.20

### P31 - traditional coupling cable trays 2 mm thick



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 879 11 4 879 17	60	77	2	3000	4088	8.30
4 879 21 4 879 27	60	100	2	3000	5376	9.40
4 879 31 4 879 37	60	150	2	3000	8176	11.50
4 879 41 4 879 47	60	200	2	3000	10976	13.70
4 879 51 4 879 57	60	300	2	3000	16576	17.80
4 879 61 4 879 67	60	400	2	3000	22176	22.00
4 879 71 4 879 77	60	500	2	3000	27776	26.10
4 879 81	60	600	2	3000	33376	30.30



## P31 - blind metal cable trays

60 mm high

### P31 - automatic coupling cable trays

	60 mm
	75 -> 600 mm
	3 m

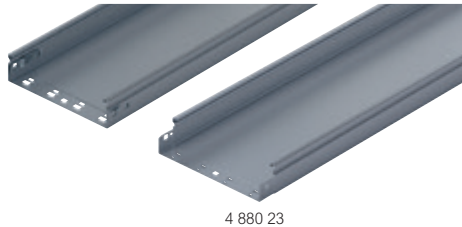


Fire resistant

Pack	Cat.Nos			Designation	Width (mm)
	<b>PG</b>	<b>ZnMg</b>	<b>RAL</b>		
1	4 811 20	4 853 56	4 841 20	P31 MF auto 60 x 75	75
1	4 811 21	4 853 57	4 841 21	P31 MF auto 60 x 100	100
1	4 811 22	4 853 58	4 841 22	P31 MF auto 60 x 150	150
1	4 811 23	4 853 59	4 841 23	P31 MF auto 60 x 200	200
1	4 811 24	4 853 60	4 841 24	P31 MF auto 60 x 300	300
1	4 811 25	4 853 61	4 841 25	P31 MF auto 60 x 400	400
1	4 811 26	4 853 62	-	P31 MF auto 60 x 500	500
1	4 811 27	4 853 63	4 841 37	P31 MF auto 60 x 600	600

### P31 stainless steel - automatic coupling cable trays

	60 mm
	75 -> 600 mm
	3 m



Fire resistant

Pack	Cat.Nos		Designation	Width (mm)
	<b>304L</b>	<b>316L</b>		
1	4 880 20	4 888 00	P31 MF auto 60 x 75	75
1	4 880 21	4 888 01	P31 MF auto 60 x 100	100
1	4 880 22	4 888 02	P31 MF auto 60 x 150	150
1	4 880 23	4 888 03	P31 MF auto 60 x 200	200
1	4 880 24	4 888 04	P31 MF auto 60 x 300	300
1	4 880 25	4 888 05	P31 MF auto 60 x 400	400
1	4 880 26	4 888 06	P31 MF auto 60 x 500	500
1	4 880 27	4 888 07	P31 MF auto 60 x 600	600

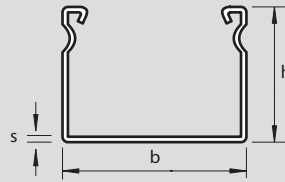
Covers **p. 30**



## P31 - blind metal cable trays

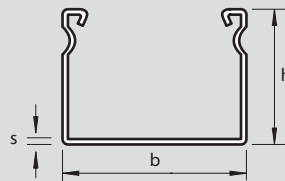
60 mm high - technical characteristics

### P31 - automatic coupling cable trays



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 811 20 4 853 56 4 841 20	60	77	0.6	3000	4333	3.2
4 811 21 4 853 57 4 841 21	60	100	0.6	3000	5667	3.53
4 811 22 4 853 58 4 841 22	60	150	0.6	3000	8567	4.25
4 811 23 4 853 59 4 841 23	60	200	0.6	3000	11467	4.96
4 811 24 4 853 60 4 841 24	60	300	0.6	3000	17267	7.42
4 811 25 4 853 61 4 841 25	60	400	0.9	3000	23032	11.97
4 811 26 4 853 62	60	500	0.9	3000	28832	14.2
4 811 27 4 853 63 4 841 37	60	600	0.9	3000	34632	16.43

### P31 stainless steel - automatic coupling cable trays



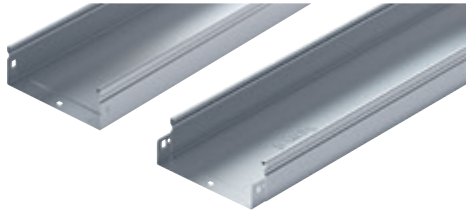
Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 880 20 4 888 00	60	77	0.6	3000	4333	3.2
4 880 21 4 888 01	60	100	0.6	3000	5667	3.53
4 880 22 4 888 02	60	150	0.6	3000	8567	4.25
4 880 23 4 888 03	60	200	0.6	3000	11467	4.96
4 880 24 4 888 04	60	300	0.6	3000	17267	7.42
4 880 25 4 888 05	60	400	0.9	3000	23032	11.97
4 880 26 4 888 06	60	500	0.9	3000	28832	14.2
4 880 27 4 888 07	60	600	0.9	3000	34632	16.43

## P31 - blind metal cable trays

60 mm high (continued)

### P31 - male / female coupling system cable trays

	60 mm
	75 -> 600 mm
	3 m



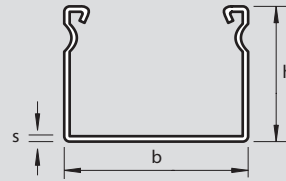
4 807 40

Pack	Cat.Nos		Designation	Width (mm)
	<b>PG</b>	<b>HDC</b>		
1	4 807 19	4 825 56	P31 MF 60 x 75	75
1	4 807 20	4 825 49	P31 MF 60 x 100	100
1	4 807 30	4 825 50	P31 MF 60 x 150	150
1	4 807 40	4 825 51	P31 MF 60 x 200	200
1	4 807 60	4 825 52	P31 MF 60 x 300	300
1	4 807 70	4 825 53	P31 MF 60 x 400	400
1	4 807 80	4 825 54	P31 MF 60 x 500	500
1	4 807 00	4 825 55	P31 MF 60 x 600	600

## P31 - blind metal cable trays

60 mm high - technical characteristics (continued)

### P31 - male / female coupling system cable trays



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 807 19 4 825 56	60	77	0.6	3000	4333	3.19
4 807 20 4 825 49	60	100	0.6	3000	5667	3.52
4 807 30 4 825 50	60	150	0.6	3000	8567	4.24
4 807 40 4 825 51	60	200	0.6	3000	11467	4.94
4 807 60 4 825 52	60	300	0.6	3000	17267	7.42
4 807 70 4 825 53	60	400	0.9	3000	23032	11.96
4 807 80 4 825 54	60	500	0.9	3000	28832	14.19
4 807 00 4 825 55	60	600	0.9	3000	34632	16.42



Covers p. 30

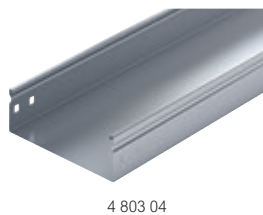


## P31 - blind metal cable trays

60 mm high (continued)

### P31 - traditional coupling cable trays

	60 mm
	75 -> 600 mm
	3,03 m



4 803 04

Pack	Cat.Nos			Designation	Width (mm)
	<b>PG</b>	<b>HDG</b>	<b>RAL</b>		
1	4 803 01	4 810 61	4 812 41	P31 SYM 60 x 75	75
1	4 803 02	4 810 62	4 812 42	P31 SYM 60 x 100	100
1	4 803 03	4 810 63	4 812 43	P31 SYM 60 x 150	150
1	4 803 04	4 810 64	4 812 44	P31 SYM 60 x 200	200
1	4 803 05	4 810 65	4 812 45	P31 SYM 60 x 300	300
1	4 803 06	4 810 66	4 812 46	P31 SYM 60 x 400	400
1	4 803 07	4 810 67	4 812 47	P31 SYM 60 x 500	500
1	4 803 08	4 810 69	4 812 48	P31 SYM 60 x 600	600

### P31 - traditional coupling cable trays 1.5 mm thick

	60 mm
	75 -> 600 mm
	3 m



4 879 45

Pack	Cat.Nos			Designation	Width (mm)
	<b>PG</b>	<b>HDG</b>			
1	4 879 25	4 879 26		P31 EP 1.5 60 x 100	100
1	4 879 35	4 879 36		P31 EP 1.5 60 x 150	150
1	4 879 45	4 879 46		P31 EP 1.5 60 x 200	200
1	4 879 55	4 879 56		P31 EP 1.5 60 x 300	300
1	4 879 65	4 879 66		P31 EP 1.5 60 x 400	400
1	4 879 75	4 879 76		P31 EP 1.5 60 x 500	500
1	4 879 85	4 879 86		P31 EP 1.5 60 x 600	600

### P31 - traditional coupling cable trays 2 mm thick

	60 mm
	75 -> 500 mm
	3 m



4 873 41

Pack	Cat.Nos	Designation	Width (mm)
	<b>PG</b>		
1	4 873 11	P31 EP 2 60 x 75	75
1	4 873 21	P31 EP 2 60 x 100	100
1	4 873 31	P31 EP 2 60 x 150	150
1	4 873 41	P31 EP 2 60 x 200	200
1	4 873 51	P31 EP 2 60 x 300	300
1	4 873 61	P31 EP 2 60 x 400	400
1	4 873 71	P31 EP 2 60 x 500	500

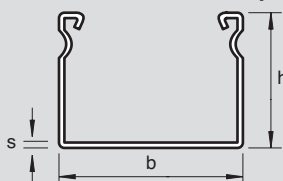
Covers p. 30



## P31 - blind metal cable trays

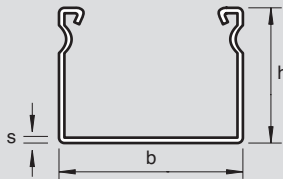
60 mm high (continued) - technical characteristics

### P31 - traditional coupling cable trays



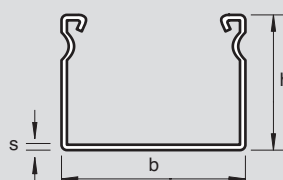
Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 803 01 4 810 61 4 812 41	60	77	0.6	3030	4333	3.2
4 803 02 4 810 62 4 812 42	60	100	0.6	3030	5667	3.5
4 803 03 4 810 63 4 812 43	60	150	0.6	3030	8567	4.25
4 803 04 4 810 64 4 812 44	60	200	0.6	3030	11467	4.96
4 803 05 4 810 65 4 812 45	60	300	0.6	3030	17267	7.42
4 803 06 4 810 66 4 812 46	60	400	0.9	3030	23032	11.6
4 803 07 4 810 67 4 812 47	60	500	0.9	3030	28832	13.74
4 803 08 4 810 69 4 812 48	60	600	0.9	3030	34632	15.89

### P31 - traditional coupling cable trays 1.5 mm thick



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 879 25 4 879 26	60	100	1.5	3000	5529	8.10
4 879 35 4 879 36	60	150	1.5	3000	8379	9.90
4 879 45 4 879 46	60	200	1.5	3000	11229	11.70
4 879 55 4 879 56	60	300	1.5	3000	16929	15.30
4 879 65 4 879 66	60	400	1.5	3000	22629	18.80
4 879 75 4 879 76	60	500	1.5	3000	28329	22.40
4 879 85 4 879 86	60	600	1.5	3000	34029	26.00

### P31 - traditional coupling cable trays 2 mm thick



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 873 11	60	77	2	3000	4088	9.50
4 873 21	60	100	2	3000	5376	10.50
4 873 31	60	150	2	3000	8176	12.90
4 873 41	60	200	2	3000	10976	15.30
4 873 51	60	300	2	3000	16576	20.10
4 873 61	60	400	2	3000	22176	24.80
4 873 71	60	500	2	3000	27776	29.60

# Coupling

60 mm high

## Traditional coupling

75 -> 600 mm



3 412 13      4 815 62      4 874 72

Pack	Cat.Nos				Designation
	PG	HDG	ZnMg	316L	
50	3 412 13	3 432 13	4 852 30	4 862 13	Flat coupler for lengths Coupler for accessories for changing direction
12	4 815 62	4 835 62	-	4 865 62	
100	4 874 72	4 874 73	-	-	External bracket coupler for P31, 1.5/2 mm thick

## EV coupler

75 -> 600 mm

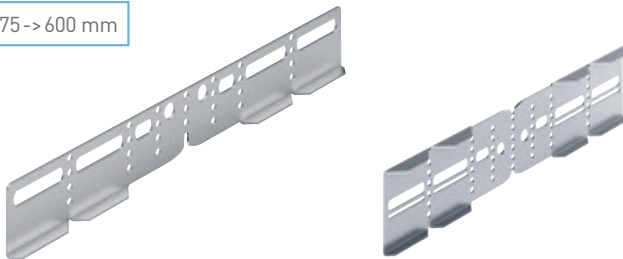


4 812 32

Pack	Cat.Nos				Designation
	PG	HDG	ZnMg	RAL	
50	4 812 32	4 832 32	4 852 27	4 862 32	Adjustable coupler

## EDU coupler

75 -> 600 mm



4 879 80

4 811 69

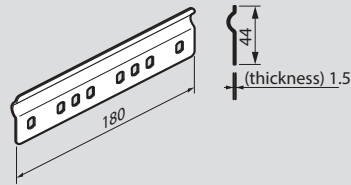
Pack	Cat.Nos				Designation
	PG	HDG	ZnMg	316L	
8	4 811 69	4 821 69	4 852 26	4 867 89	EDU coupler EDU coupler for cable trays fitted with cover
8	4 879 80	-	-	-	

# Coupling

60 mm high - technical characteristics

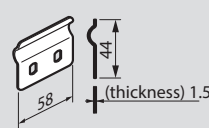
## Traditional coupling

Flat coupler for lengths



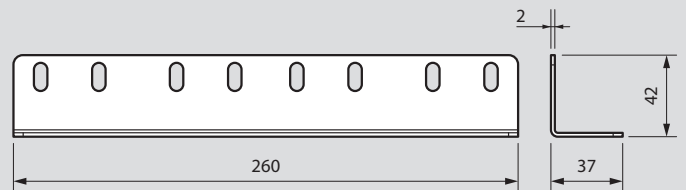
Cat.Nos	Weight (kg)
3 412 13	0.1
3 432 13	
4 852 30	
4 862 13	

Coupler for accessories for changing direction



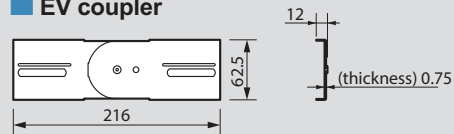
Cat.Nos	Weight (kg)
4 815 62	0.05
4 835 62	
4 865 62	

External bracket coupler for P31, 1.5/2 mm thick



Cat.Nos	Weight (kg)
4 874 72	0.29
4 874 73	

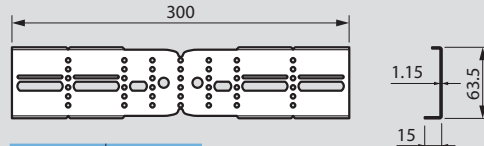
## EV coupler



Cat.Nos	Weight (kg)
4 812 32	0.11
4 832 32	
4 852 27	
4 862 32	

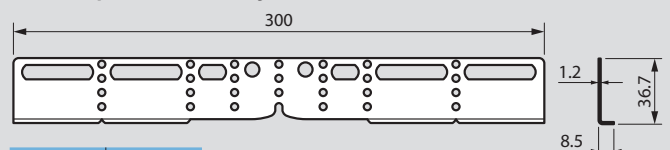
## EDU coupler

EDU coupler



Cat.Nos	Weight (kg)
4 811 69	0.17
4 821 69	
4 852 26	
4 867 69	

EDU coupler for cable trays fitted with cover



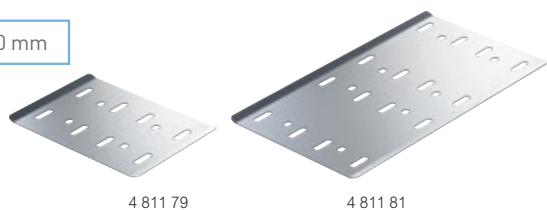
Cat.Nos	Weight (kg)
4 879 80	0.1

## Backplates and covers

60 mm high

### Backplates

200 -> 600 mm



4 811 79

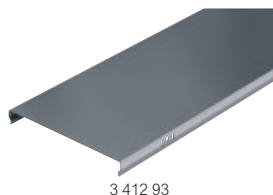
4 811 81

Pack	Cat.Nos			For P31 width:
	PG	HDG	316L	
1	4 811 79	4 823 04	4 860 14	200
1	4 811 80	4 823 05	4 860 15	300
1	4 811 81	4 823 06	4 860 16	400
1	4 811 82	4 823 07	4 860 17	500
1	4 811 83	4 823 08	4 860 18	600

### Covers

2 -> 3 m

75 -> 600 mm



3 412 93

Pack	Cat.Nos				For P31 width:
	PG	HDG	ZnMg	RAL	
<b>Length 2 m</b>					
1	3 412 90	3 432 90	-	3 448 90	75
1	3 412 91	3 432 91	-	3 448 91	100
1	3 412 92	3 432 92	-	3 448 92	150
1	3 412 93	3 432 93	-	3 448 93	200
1	3 412 94	3 432 94	-	3 448 94	300
1	3 412 95	3 432 95	-	3 448 95	400
1	3 412 96	3 432 96	-	-	500
1	3 412 97	3 432 97	-	3 448 97	600
<b>Length 3 m</b>					
1	3 401 90	3 421 70	4 851 96	3 441 90	75
1	3 401 91	3 421 71	4 851 97	3 441 91	100
1	3 401 92	3 421 72	4 851 98	3 441 92	150
1	3 401 93	3 421 52	4 851 99	3 441 93	200
1	3 401 94	3 421 53	4 852 00	3 441 94	300
1	3 401 95	3 421 54	4 852 01	3 441 95	400
1	3 401 96	3 421 55	4 852 02	-	500
1	3 401 97	3 421 56	4 852 03	3 441 97	600

### Stainless steel covers

3 m

75 -> 600 mm



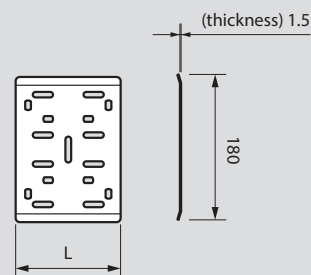
3 463 16

Pack	Cat.Nos			For P31 width:
	304L	316L		
1	3 463 13	3 466 13	75	
1	3 463 14	3 466 14	100	
1	3 463 15	3 466 15	150	
1	3 463 16	3 466 16	200	
1	3 463 17	3 466 17	300	
1	3 463 12	3 466 12	400	
1	3 464 77	4 864 77	500	
1	3 464 78	4 864 78	600	

## Backplates and covers

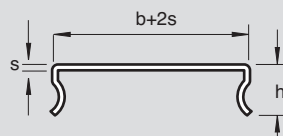
60 mm high - technical characteristics

### Backplates



Cat.Nos	L (mm)	Weight (kg)
4 811 79 4 823 04 4 860 14	130	0.28
4 811 80 4 823 05 4 860 15	230	0.45
4 811 81 4 823 06 4 860 16	320	0.64
4 811 82 4 823 07 4 860 17	420	0.86
4 811 83 4 823 08 4 860 18	520	1.07

### Covers



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Weight (kg)
3 412 90 3 448 90	19	77	0.5	2000	0.9
3 432 90	19	77	0.8	2000	1.5
3 412 91 3 448 91	19	100	0.5	2000	1.1
3 432 91	19	100	0.8	2000	1.8
3 412 92 3 448 92	19	150	0.5	2000	1.5
3 432 92	19	150	0.8	2000	2.4
3 412 93 3 448 93	19	200	0.5	2000	1.9
3 432 93	19	200	0.8	2000	3
3 412 94 3 448 94	19	300	0.6	2000	3.2
3 432 94	19	300	0.8	2000	4.3
3 412 95 3 448 95	19	400	0.75	2000	5.2
3 432 95	19	400	0.8	2000	5.5
3 412 96	19	500	0.75	2000	6.4
3 432 96	19	500	0.8	2000	6.8
3 412 97 3 448 97	19	600	0.75	2000	7.54
3 432 97	19	600	1.2	2000	13.2
3 401 90 4 851 96 3 463 13 3 466 13 3 441 90	19	77	0.5	3000	1.4
3 421 70	19	77	0.8	3000	2.2
3 401 91 4 851 97 3 463 14 3 466 14 3 441 91	19	100	0.5	3000	1.7
3 421 71	19	100	0.8	3000	2.6
3 401 92 4 851 98 3 463 15 3 466 15 3 441 92	19	150	0.5	3000	2.2
3 421 72	19	150	0.8	3000	3.6
3 401 93 4 851 99 3 463 16 3 466 16 3 441 93	19	200	0.5	3000	2.8
3 421 52	19	200	0.8	3000	4.5
3 401 94 4 852 00 3 463 17 3 466 17 3 441 94	19	300	0.6	3000	4.8
3 421 53	19	300	0.8	3000	6.4
3 401 95 4 852 01 3 463 12 3 466 12 3 441 95	19	400	0.75	3000	7.8
3 421 54	19	400	0.8	3000	8.3
3 401 96 4 852 02 3 464 77 4 864 77	19	500	0.75	3000	9.5
3 421 55	19	500	0.8	3000	10.2
3 401 97 4 852 03 3 464 78 4 864 78 3 441 97	19	600	0.75	3000	11.3
3 421 56	19	600	1.2	3000	19.8



## 90° bends and covers

60 mm high

### 90° bends



4 807 53

Pack	Cat.Nos				For P31 width:
	PG	HDC	ZnMg	RAL	
1	4 807 50	4 827 50	4 854 07	4 847 50	75
1	4 807 51	4 827 51	4 854 08	4 847 51	100
1	4 807 52	4 827 52	4 854 09	4 847 52	150
1	4 807 53	4 827 53	4 854 10 <sup>1</sup>	4 847 53	200
1	4 807 54	4 827 54	4 854 11 <sup>1</sup>	4 847 54	300
1	4 807 55	4 827 55	4 854 12 <sup>1</sup>	4 847 55	400
1	4 807 56	4 827 56	4 854 13 <sup>1</sup>	-	500
1	4 807 57	4 827 57	4 854 14 <sup>1</sup>	4 847 57	600
		<b>316L</b>			
1		4 868 30			75
1		4 868 31			100
1		4 868 32			150
1		4 868 33			200
1		4 868 34			300
1		4 868 35			400
1		4 868 36			500
1		4 868 37			600

1 : perforated

### Covers for 90° bends



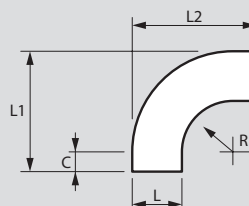
4 808 65

Pack	Cat.Nos				For P31 width:
	PG	HDC	ZnMg	RAL	
1	4 808 62	4 828 62	4 852 12	4 841 40	75
1	4 808 63	4 828 63	4 852 13	4 841 41	100
1	4 808 64	4 828 64	4 852 14	4 841 42	150
1	4 808 65	4 828 65	4 852 15	4 841 43	200
1	4 808 66	4 828 66	4 852 16	4 841 44	300
1	4 808 67	4 828 67	4 852 17	4 841 45	400
1	4 808 68	4 828 68	4 852 18	-	500
1	4 808 69	4 833 14	4 852 19	4 841 47	600
		<b>316L</b>			
1		4 880 00			75
1		4 880 01			100
1		4 880 02			150
1		4 880 03			200
1		4 880 04			300
1		4 880 05			400
1		4 880 06			500
1		4 880 07			600

## 90° bends and covers

60 mm high - technical characteristics

### Dimensions and weights



### 90° bends

Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	C (mm)	Weight (kg)
4 807 50 4 827 50 4 854 07 4 847 50 4 868 30	60	79	100	229	229	50	0.41
4 807 51 4 827 51 4 854 08 4 847 51 4 868 31	60	102	100	252	252	50	0.48
4 807 52 4 827 52 4 854 09 4 847 52 4 868 32	60	152	100	302	302	50	0.64
4 807 53 4 827 53 4 854 10 4 847 53 4 868 33	60	202	100	352	352	50	0.83
4 807 54 4 827 54 4 854 11 4 847 54 4 868 34	60	302	100	452	452	50	1.26
4 807 55 4 827 55 4 854 12 4 847 55 4 868 35	60	402	100	552	552	50	1.76
4 807 56 4 827 56 4 854 13 4 868 36	60	502	100	652	652	50	2.36
4 807 57 4 827 57 4 854 14 4 847 57 4 868 37	60	602	100	752	752	50	3.05

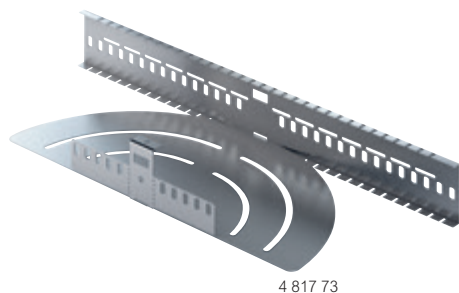
### Covers for 90° bends

Cat.Nos	Weight (kg)
4 808 62 4 828 62 4 852 12 4 841 40 4 880 00	0.19
4 808 63 4 828 63 4 852 13 4 841 41 4 880 01	0.25
4 808 64 4 828 64 4 852 14 4 841 42 4 880 02	0.38
4 808 65 4 828 65 4 852 15 4 841 43 4 880 03	0.54
4 808 66 4 828 66 4 852 16 4 841 44 4 880 04	0.92
4 808 67 4 828 67 4 852 17 4 841 45 4 880 05	1.46
4 808 68 4 828 68 4 852 18 4 880 06	2.02
4 808 69 4 833 14 4 852 19 4 841 47 4 880 07	2.66

## Adjustable bends

60 mm high

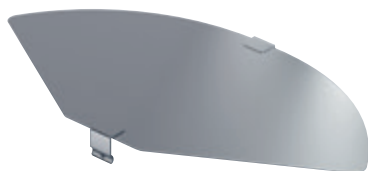
### Adjustable bends



4 817 73

Pack	Cat.Nos		For P31 width:
	PG	RAL	
1	4 817 70	4 847 70	75
1	4 817 71	4 847 71	100
1	4 817 72	4 847 72	150
1	4 817 73	4 847 73	200
1	4 817 74	4 847 74	300
1	4 817 75	4 847 75	400
1	4 817 76	-	500
1	4 817 77	4 847 77	600

### Covers for adjustable bends



4 800 97

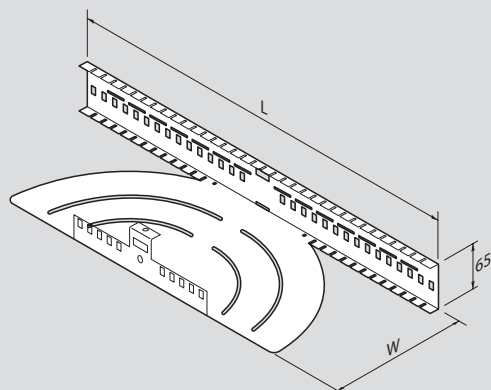
Pack	Cat.Nos		For P31 width:
	PG	RAL	
1	4 800 94	4 840 94	75
1	4 800 95	4 840 95	100
1	4 800 96	4 840 96	150
1	4 800 97	4 840 97	200
1	4 800 98	4 840 98	300

## Adjustable bends

60 mm high - technical characteristics

### Dimensions and weights

#### Adjustable bends



Cat.Nos	H (mm)	W (mm)	L (mm)	Weight (kg)
4 817 70 4 847 70	65	80.5	390	0.4
4 817 71 4 847 71	65	103.5	440	0.5
4 817 72 4 847 72	65	153.5	520	0.8
4 817 73 4 847 73	65	203.5	580	0.9
4 817 74 4 847 74	65	303.5	780	1.6
4 817 75 4 847 75	65	403.5	950	2.9
4 817 76	65	503.5	1100	4.2
4 817 77 4 847 77	65	603.5	1300	5.8

#### Covers for adjustable bends

Cat.Nos	Weight (kg)
4 800 94 4 840 94	0.07
4 800 95 4 840 95	0.1
4 800 96 4 840 96	0.2
4 800 97 4 840 97	0.3
4 800 98 4 840 98	0.7

## 45° bends

60 mm high

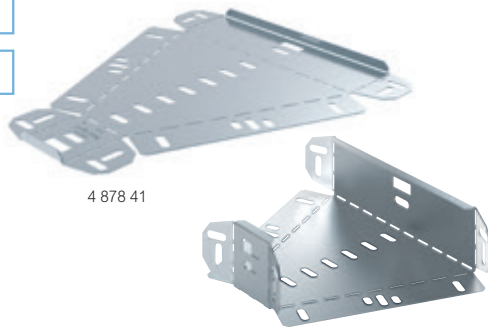
### 45° bends



60 mm



75 -> 400 mm



4 878 41

Pack	Cat.Nos	For P31 width:
	<b>PG</b>	
1	4 878 40	75
1	4 878 38	100
1	4 878 39	150
1	4 878 41	200
1	4 878 42	300
1	4 878 43	400

### Covers for 45° bends



75 -> 400 mm



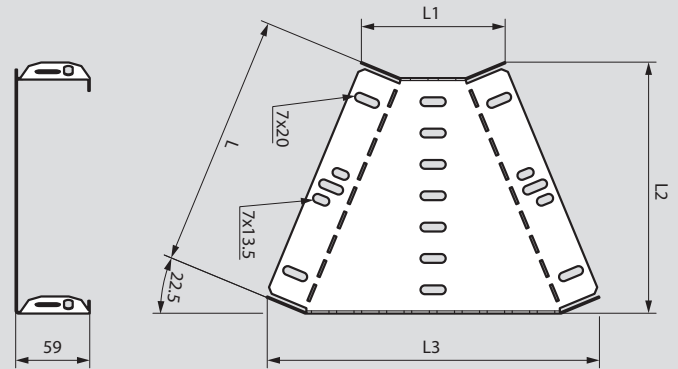
4 879 32

Pack	Cat.Nos	For P31 width:
	<b>PG</b>	
1	4 879 30	75
1	4 879 28	100
1	4 879 29	150
1	4 879 32	200
1	4 879 33	300
1	4 879 34	400

## 45° bends

60 mm high - technical characteristics

### Dimensions and weights



### 45° bends

Cat.Nos	H (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)
4 878 40	59	79	115	88	171	0.19
4 878 38	59	102	115	108	189	0.22
4 878 39	59	152	115	155	227	0.32
4 878 41	59	202	115	200	265	0.44
4 878 42	59	302	115	292	342	0.69
4 878 43	59	402	115	385	418	1.01

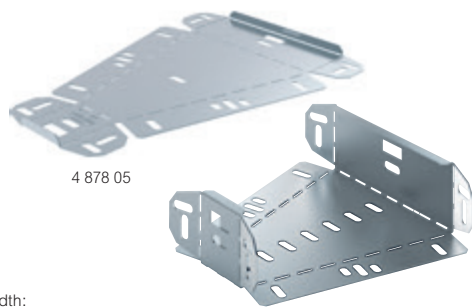
### Covers for 45° bends

Cat.Nos	Weight (kg)
4 879 30	0.21
4 879 28	0.27
4 879 29	0.4
4 879 32	0.56
4 879 33	0.95
4 879 34	1.5

## 30° bends

60 mm high

### 30° bends



Pack	Cat.Nos	For P31 width:
	<b>PG</b>	
1	4 878 04	75
1	4 878 08	100
1	4 878 09	150
1	4 878 05	200
1	4 878 06	300
1	4 878 07	400

### Covers for 30° bends



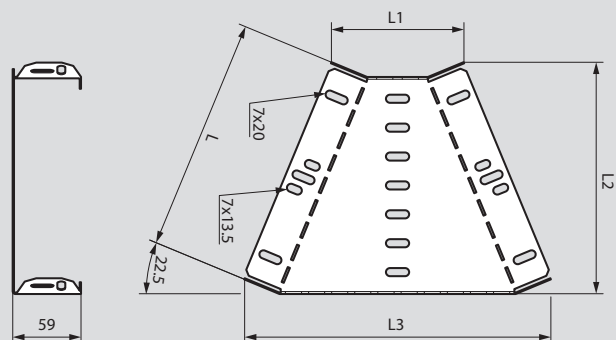
Pack	Cat.Nos	For P31 width:
	<b>PG</b>	
1	4 879 20	75
1	4 879 18	100
1	4 879 19	150
1	4 879 22	200
1	4 879 23	300
1	4 879 24	400

## 30° bends

60 mm high - technical characteristics

### Dimensions and weights

#### 30° bends



Cat.Nos	H (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)
4 878 04	59	79	118	86	155	0.18
4 878 08	59	102	118	110	167	0.21
4 878 09	59	152	118	156	193	0.29
4 878 05	59	202	118	205	219	0.38
4 878 06	59	302	118	301	271	0.59
4 878 07	59	402	118	398	323	0.84

#### Covers for 30° bends

Cat.Nos	Weight (kg)
4 879 20	0.09
4 879 18	0.12
4 879 19	0.19
4 879 22	0.27
4 879 23	0.46
4 879 24	0.69

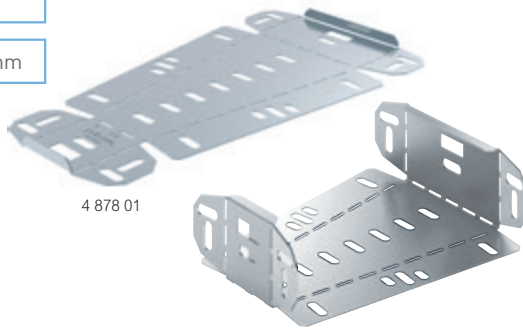
# 15° bends and universal junctions

60 mm high

## 15° bends

60 mm

75 -> 400 mm



4 878 01

Pack	Cat.Nos	For P31 width:
	<b>PG</b>	
1	4 878 00	75
1	4 877 98	100
1	4 877 99	150
1	4 878 01	200
1	4 878 02	300
1	4 878 03	400

## Covers for 15° bends

75 -> 400 mm



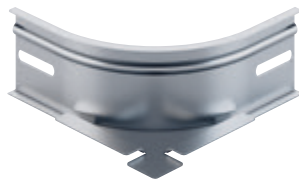
4 879 12

Pack	Cat.Nos	For P31 width:
	<b>PG</b>	
1	4 879 10	75
1	4 879 08	100
1	4 879 09	150
1	4 879 12	200
1	4 879 13	300
1	4 879 14	400

## Universal bends and covers

60 mm

75 -> 600 mm



4 811 73



3 411 74

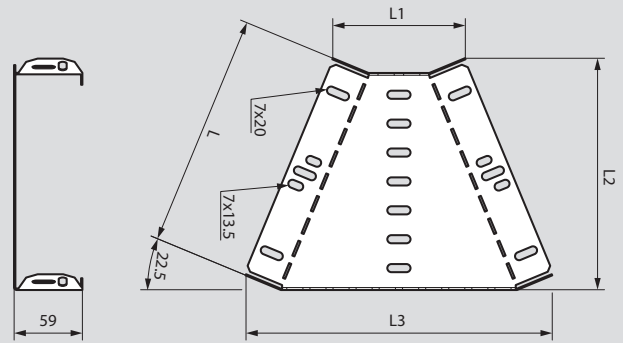
Pack	Cat.Nos			Designation
	<b>PG</b>	<b>HDG</b>	<b>RAL</b>	
15	4 811 73	4 822 73	4 851 73	Universal junction
1	3 411 74	3 431 74	3 451 74	Cover for universal junction

# 15° bends and universal junctions

60 mm high - technical characteristics

## Dimensions and weights

### 15° bends



Cat.Nos	H (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)
<b>4 878 00</b>	59	79	120	78	138	0.16
<b>4 877 98</b>	59	102	120	102	144	0.19
<b>4 877 99</b>	59	152	120	152	157	0.26
<b>4 878 01</b>	59	202	120	201	170	0.32
<b>4 878 02</b>	59	302	120	302	197	0.47
<b>4 878 03</b>	59	402	120	400	223	0.63

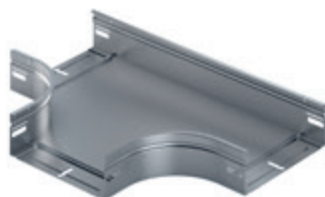
### Covers for 15° bends

Cat.Nos	Weight (kg)
<b>4 879 10</b>	0.09
<b>4 879 08</b>	0.11
<b>4 879 09</b>	0.17
<b>4 879 12</b>	0.24
<b>4 879 13</b>	0.38
<b>4 879 14</b>	0.54

## Tees and covers

60 mm high

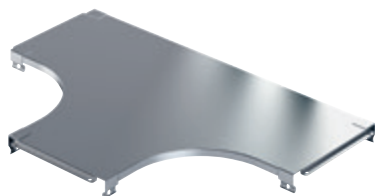
### Tees



4 807 93

Pack	Cat.Nos				For P31 width:
	PG	HDG	RAL	316L	
1	4 807 90	4 827 90	4 847 90	4 880 30	75
1	4 807 91	4 827 91	4 847 91	4 880 31	100
1	4 807 92	4 827 92	4 847 92	4 880 32	150
1	4 807 93	4 817 93	4 847 93	4 880 33	200
1	4 807 94	4 827 94	4 847 94	4 880 34	300
1	4 807 95	4 827 95	4 847 95	4 880 35	400
1	4 807 96	4 827 96	-	4 880 36	500
1	4 807 97	4 827 97	4 847 97	4 880 37	600

### Covers for tees



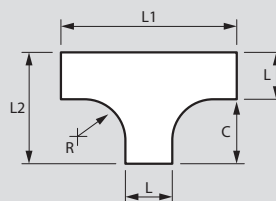
4 808 83

Pack	Cat.Nos				For P31 width:
	PG	HDG	RAL	316L	
1	4 808 80	4 828 80	4 841 00	4 880 50	75
1	4 808 81	4 828 81	4 841 01	4 880 51	100
1	4 808 82	4 828 82	4 841 02	4 880 52	150
1	4 808 83	4 828 83	4 841 03	4 880 53	200
1	4 808 84	4 828 84	4 841 04	4 880 54	300
1	4 808 85	4 828 85	4 841 05	4 880 55	400
1	4 808 86	4 828 86	-	4 880 56	500
1	4 808 87	4 833 77	4 841 07	4 880 57	600

## Tees and covers

60 mm high - technical characteristics

### Dimensions and weights



### Tees

Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	C (mm)	Weight (kg)
4 807 90 4 827 90 4 847 90 4 880 30	63.4	79	100	378	229	149.3	0.64
4 807 91 4 827 91 4 847 91 4 880 31	63.4	102	100	401	252	149.3	0.73
4 807 92 4 827 92 4 847 92 4 880 32	63.4	152	100	451	302	149.3	0.95
4 807 93 4 817 93 4 847 93 4 880 33	63.9	202	100	501	352	149.3	1.2
4 807 94 4 827 94 4 847 94 4 880 34	63.9	302	100	601	452	149.3	1.77
4 807 95 4 827 95 4 847 95 4 880 35	63.9	402	100	701	552	149.3	2.42
4 807 96 4 827 96 4 880 36	63.9	502	100	801	652	149.3	3.21
4 807 97 4 827 97 4 847 97 4 880 37	63.9	602	100	901	752	149.3	4.11

### Covers for tees

Cat.Nos	Weight (kg)
4 808 80 4 828 80 4 841 00	0.33
4 880 50	0.36
4 808 81 4 828 81 4 841 01	0.42
4 880 51	0.45
4 808 82 4 828 82 4 841 02	0.62
4 880 52	0.65
4 808 83 4 828 83 4 841 03	0.85
4 880 53	0.88
4 808 84 4 828 84	1.40
4 841 05	2.11
4 880 54	1.43
4 808 85 4 828 85 4 841 05 4 880 55	2.11
4 808 86 4 828 86 4 880 56	2.87
4 808 87 4 833 77 4 841 07 4 880 57	3.74

# Junctions

60 mm high

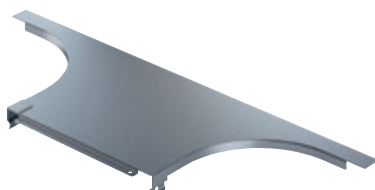
## Junctions



4 817 83

Pack	Cat.Nos				For P31 width:
	<b>PG</b>	<b>HDC</b>	<b>ZnMg</b>	<b>RAL</b>	<b>Metal</b>
1	4 817 80	4 827 80	4 854 15	4 847 80	75
1	4 817 81	4 827 81	4 854 16	4 847 81	100
1	4 817 82	4 827 82	4 854 17	4 847 82	150
1	4 817 83	4 827 83	4 854 18	4 847 83	200
1	4 817 84	4 827 84	4 854 19	4 847 84	300
1	4 817 85	4 827 85	4 854 20	4 847 85	400
1	4 817 86	4 827 86	4 854 21	-	500
1	4 817 87	4 827 87	4 854 22	4 847 87	600
		<b>316L</b>			<b>Stainless steel</b>
1		4 868 40			75
1		4 868 41			100
1		4 868 42			150
1		4 868 43			200
1		4 868 44			300
1		4 868 45			400
1		4 868 46			500
1		4 868 47			600

## Covers for junctions



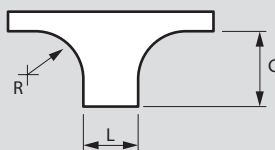
4 805 05

Pack	Cat.Nos				For P31 width:
	<b>PG</b>	<b>HDC</b>	<b>ZnMg</b>	<b>RAL</b>	<b>Metal</b>
1	4 805 02	4 825 02	4 852 74	4 841 51	75
1	4 805 03	4 825 03	4 852 75	4 841 52	100
1	4 805 04	4 825 04	4 852 76	4 841 53	150
1	4 805 05	4 825 05	4 852 77	4 841 54	200
1	4 807 28	4 827 28	4 852 78	4 841 55	300
1	4 807 45	4 827 45	4 852 79	4 841 56	400
1	4 807 46	4 827 46	4 852 80	-	500
1	4 807 47	4 827 47	4 852 81	4 841 58	600
		<b>316L</b>			<b>Stainless steel</b>
1		4 880 92			75
1		4 880 93			100
1		4 880 94			150
1		4 880 95			200
1		4 880 96			300
1		4 880 97			400
1		4 880 98			500
1		4 880 99			600

# Junctions

60 mm high - technical characteristics

## Dimensions and weights



## Junctions

Cat.Nos	H (mm)	L (mm)	R (mm)	C (mm)	Weight (kg)
4 817 80 4 827 80 4 854 15 4 847 80 4 868 40	60	79	100	378	0.13
4 817 81 4 827 81 4 854 16 4 847 81 4 868 41	60	102	100	401	0.16
4 817 82 4 827 82 4 854 17 4 847 82 4 868 42	60	152	100	451	0.21
4 817 83 4 827 83 4 854 18 4 847 83 4 868 43	60	202	100	501	0.26
4 817 84 4 827 84 4 854 19 4 847 84 4 868 44	60	302	100	601	0.36
4 817 85 4 827 85 4 854 20 4 847 85 4 868 45	60	402	100	701	0.47
4 817 86 4 827 86 4 854 21 4 868 46	60	502	100	801	0.57
4 817 87 4 827 87 4 854 22 4 847 87 4 868 47	60	602	100	901	0.67

## Covers for junctions

Cat.Nos	Weight (kg)
4 805 02 4 825 02 4 852 74 4 841 51 4 880 92	0.18
4 805 03 4 825 03 4 852 75 4 841 52 4 880 93	0.2
4 805 04 4 825 04 4 852 76 4 841 53 4 880 94	0.25
4 805 05 4 825 05 4 852 77 4 841 54 4 880 95	0.3
4 807 28 4 827 28 4 852 78 4 841 55 4 880 96	0.41
4 807 45 4 827 45 4 852 79 4 841 56 4 880 97	0.55
4 807 46 4 827 46 4 852 80 4 880 98	0.65
4 807 47 4 827 47 4 852 81 4 841 58 4 880 99	0.75

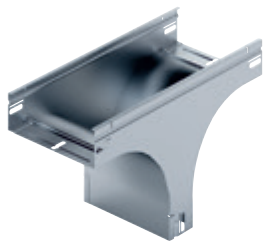
## Vertical junctions

60 mm high

### Vertical T-junctions

60 mm

75 -> 300 mm



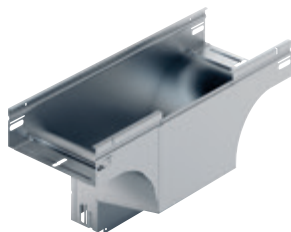
4 801 44

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>RAL</b>	
1	4 801 41	4 841 80	75
1	4 801 42	4 841 81	100
1	4 801 43	4 841 82	150
1	4 801 44	4 841 83	200
1	4 801 45	4 841 84	300

### Vertical junctions with riser

60 mm

100 -> 600 mm



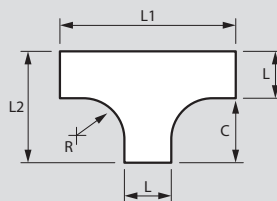
4 818 33

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>RAL</b>	
1	4 818 31	4 848 31	100
1	4 818 32	4 848 32	150
1	4 818 33	4 848 33	200
1	4 818 34	4 848 34	300
1	4 803 10	4 843 10	400
1	4 803 11	-	500
1	4 803 12	4 843 12	600

## Vertical junctions

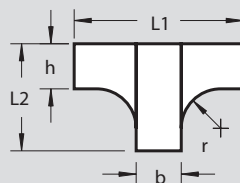
60 mm high - technical characteristics

### Vertical T-junctions



Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	C (mm)	Weight (kg)
4 801 41 4 841 80	64	79	137	447	256	192	0.95
4 801 42 4 841 81	64	102	137	447	256	192	1.09
4 801 43 4 841 82	64	152	137	447	256	192	1.40
4 801 44 4 841 83	64	202	137	447	256	192	1.72
4 801 45 4 841 84	64	302	137	447	256	192	2.34

### Vertical junctions with riser



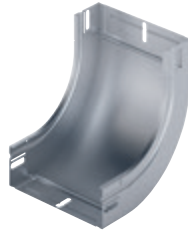
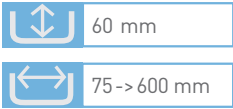
Cat.Nos	H (mm)	b (mm)	R (mm)	L1 (mm)	L2 (mm)	Weight (kg)
4 818 31 4 848 31	64	102	100	411	243	1.08
4 818 32 4 848 32	64	152	100	461	243	1.51
4 818 33 4 848 33	64	202	100	511	243	1.99
4 818 34 4 848 34	64	302	100	611	243	3.14
4 803 10 4 843 10	64	402	100	711	313	5.95
4 803 11	64	502	100	811	313	6.4
4 803 12 4 843 12	64	602	100	911	313	8.25



## Inside risers

60 mm high

### Inside risers

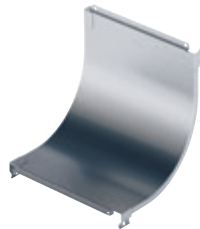


4 808 13

Pack	Cat.Nos				For P31 width:
	PG	HDC	ZnMg	RAL	
1	4 808 10	4 828 10	4 853 91	4 848 10	75
1	4 808 11	4 828 11	4 853 92	4 848 11	100
1	4 808 12	4 828 12	4 853 93	4 848 12	150
1	4 808 13	4 828 13	4 853 94	4 848 13	200
1	4 808 14	4 828 14	4 853 95	4 848 14	300
1	4 808 15	4 828 15	4 853 96 <sup>1</sup>	4 848 15	400
1	4 808 16	4 828 16	4 853 97 <sup>1</sup>	-	500
1	4 808 17	4 828 17	4 853 98 <sup>1</sup>	4 848 17	600
		<b>316L</b>			
1		4 868 70			75
1		4 868 71			100
1		4 868 72			150
1		4 868 73			200
1		4 868 74			300
1		4 868 75			400
1		4 868 76			500
1		4 868 77			600

1 : perforated

### Covers for inside risers



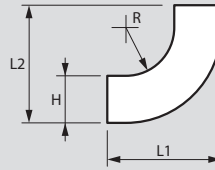
4 808 92

Pack	Cat.Nos				For P31 width:
	PG	HDC	ZnMg	RAL	
1	4 808 89	4 828 89	4 853 06	4 848 19	75
1	4 808 90	4 828 90	4 853 07	4 848 20	100
1	4 808 91	4 828 91	4 853 08	4 848 21	150
1	4 808 92	4 828 92	4 853 09	4 848 22	200
1	4 808 93	4 828 93	4 853 10	4 848 23	300
1	4 808 96	4 828 96	4 853 11	4 848 24	400
1	4 808 97	4 828 97	4 853 12	-	500
1	4 808 98	4 828 98	4 853 13	4 848 26	600
		<b>316L</b>			
1		4 881 30			75
1		4 881 31			100
1		4 881 32			150
1		4 881 33			200
1		4 881 34			300
1		4 881 35			400
1		4 881 36			500
1		4 881 37			600

## Inside risers

60 mm high - technical characteristics

### Dimensions and weights



### Inside risers

Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	Weight (kg)
4 808 10 4 828 10 4 853 91 4 848 10 4 868 70	63.4	79	160	218	218	0.43
4 808 11 4 828 11 4 853 92 4 848 11 4 868 71	63.4	102	160	218	218	0.48
4 808 12 4 828 12 4 853 93 4 848 12 4 868 72	63.4	152	160	218	218	0.58
4 808 13 4 828 13 4 853 94 4 848 13 4 868 73	63.9	202	160	218	218	0.68
4 808 14 4 828 14 4 853 95 4 848 14 4 868 74	63.9	302	160	218	218	0.89
4 808 15 4 828 15 4 853 96 4 848 15 4 868 75	63.9	402	160	218	218	1.08
4 808 16 4 828 16 4 853 97 4 868 76	63.9	502	160	218	218	1.28
4 808 17 4 828 17 4 853 98 4 848 17 4 868 77	63.9	602	160	218	218	1.48

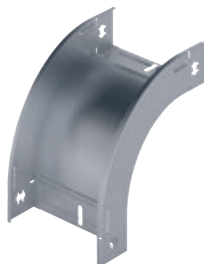
### Covers for inside risers

Cat.Nos	Weight (kg)
4 808 89 4 828 89 4 853 06 4 848 19 4 881 30	0.15
4 808 90 4 828 90 4 853 07 4 848 20 4 881 31	0.19
4 808 91 4 828 91 4 853 08 4 848 21 4 881 32	0.27
4 808 92 4 828 92 4 853 09 4 848 22 4 881 33	0.35
4 808 93 4 828 93 4 853 10 4 848 23 4 881 34	0.51
4 808 96 4 828 96 4 853 11 4 848 24 4 881 35	0.67
4 808 97 4 828 97 4 853 12 4 881 36	0.82
4 808 98 4 828 98 4 853 13 4 848 26 4 881 37	0.97

## Outside risers

60 mm high

### Outside risers

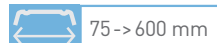


4 808 03

Pack	Cat.Nos				For P31 width:
	PG	HDG	ZnMg	RAL	
1	4 808 00	4 828 00	4 853 99	4 848 00	75
1	4 808 01	4 828 01	4 854 00	4 848 01	100
1	4 808 02	4 828 02	4 854 01	4 848 02	150
1	4 808 03	4 828 03	4 854 02	4 848 03	200
1	4 808 04	4 828 04	4 854 03	4 848 04	300
1	4 808 05	4 828 05	4 854 04 <sup>1</sup>	4 848 05	400
1	4 808 06	4 828 06	4 854 05 <sup>1</sup>	-	500
1	4 808 07	4 828 07	4 854 06 <sup>1</sup>	4 848 07	600
		<b>316L</b>			
1		4 868 80			75
1		4 868 81			100
1		4 868 82			150
1		4 868 83			200
1		4 868 84			300
1		4 868 85			400
1		4 868 86			500
1		4 868 87			600

1 : perforated

### Covers for outside risers



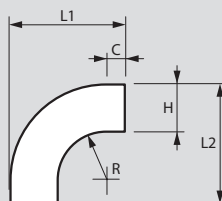
4 808 18

Pack	Cat.Nos				For P31 width:
	PG	HDG	ZnMg	RAL	
1	4 890 00	4 890 20	4 853 22	4 890 40	75
1	4 890 01	4 890 21	4 853 23	4 890 41	100
1	4 890 02	4 890 22	4 853 24	4 890 42	150
1	4 890 03	4 890 23	4 853 25	4 890 43	200
1	4 890 04	4 890 24	4 853 26	4 890 44	300
1	4 890 05	4 890 25	4 853 27	4 890 45	400
1	4 890 06	4 890 26	4 853 28	-	500
1	4 890 07	4 890 27	4 853 29	4 890 47	600
		<b>316L</b>			
1		4 890 60			75
1		4 890 61			100
1		4 890 62			150
1		4 890 63			200
1		4 890 64			300
1		4 890 65			400
1		4 890 66			500
1		4 890 67			600

## Outside risers

60 mm high - technical characteristics

### Dimensions and weights



### Outside risers

Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	C (mm)	Weight (kg)
4 808 00 4 828 00 4 853 99 4 848 00 4 868 80	60	79	200	255	255	55	0.46
4 808 01 4 828 01 4 854 00 4 848 01 4 868 81	60	102	200	255	255	55	0.83
4 808 02 4 828 02 4 854 01 4 848 02 4 868 82	60	152	200	255	255	55	0.92
4 808 03 4 828 03 4 854 02 4 848 03 4 868 83	60	202	200	255	255	55	1.01
4 808 04 4 828 04 4 854 03 4 848 04 4 868 84	60	302	200	255	255	55	1.19
4 808 05 4 828 05 4 854 04 4 848 05 4 868 85	60	402	200	255	255	55	1.04
4 808 06 4 828 06 4 854 05 4 868 86	60	502	200	255	255	55	1.22
4 808 07 4 828 07 4 854 06 4 848 07 4 868 87	60	602	200	255	255	55	1.40

### Covers for outside risers

Cat.Nos	Weight (kg)
4 890 00 4 890 20 4 853 22 4 890 40 4 890 60	0.25
4 890 01 4 890 21 4 853 23 4 890 41 4 890 61	0.31
4 890 02 4 890 22 4 853 24 4 890 42 4 890 62	0.42
4 890 03 4 890 23 4 853 25 4 890 43 4 890 63	0.55
4 890 04 4 890 24 4 853 26 4 890 44 4 890 64	0.8
4 890 05 4 890 25 4 853 27 4 890 45 4 890 65	1.07
4 890 06 4 890 26 4 853 28 4 890 66	1.26
4 890 07 4 890 27 4 853 29 4 890 47 4 890 67	1.52

## 45° flexible risers

60 mm high

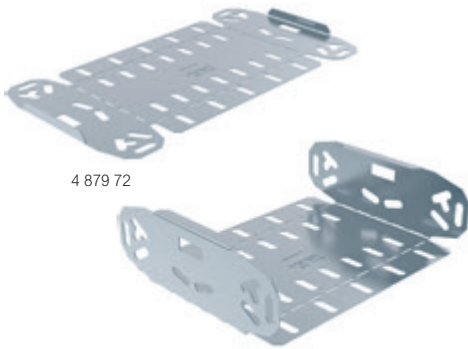
### 45° flexible risers



60 mm



75 -> 400 mm



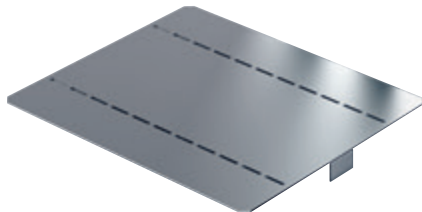
4 879 72

Pack	Cat.Nos	For P31 width:
	<b>PG</b>	
8	4 879 70	75
8	4 879 68	100
8	4 879 69	150
8	4 879 72	200
8	4 879 73	300
8	4 879 74	400

### Covers for 45° flexible risers



75 -> 400 mm



4 810 91

Pack	Cat.Nos	For P31 width:
	<b>PG</b>	
1	4 810 90	75
1	4 810 94	100
1	4 810 95	150
1	4 810 91	200
1	4 810 92	300
1	4 810 93	400

## 45° flexible risers

60 mm high - technical characteristics

### 45° flexible risers

Cat.Nos	Weight (kg)
4 879 70	0.22
4 879 68	0.23
4 879 69	0.29
4 879 72	0.35
4 879 73	0.46
4 879 74	0.57

### Covers for 45° flexible risers

Cat.Nos	Weight (kg)
4 810 90	0.12
4 810 94	0.15
4 810 95	0.22
4 810 91	0.29
4 810 92	0.43
4 810 93	0.56

## Accessories

60 mm high

### Quick-fixing dividers

75 -> 600 mm

1/3 m



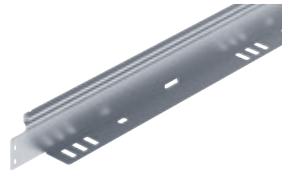
4 814 28

Pack	Cat.Nos	Designation
	<b>PG</b>	
1	4 814 28	1 m quick-fixing divider
1	4 814 29	3 m quick-fixing divider

### Dividers

75 -> 600 mm

3 m



4 804 28

Pack	Cat.Nos	Designation
	<b>PG</b> <b>HDC</b> <b>304L</b> <b>316L</b>	
1	4 804 28   4 834 28   4 865 00   4 883 00	Divider

### Protective end covers

75 -> 600 mm



4 811 62



5 223 54

Pack	Cat.Nos	Designation
1	5 223 54	Protective end cover (pouch of 5 pieces)
10	4 811 62	Protective end cover for divider

### Identification plate



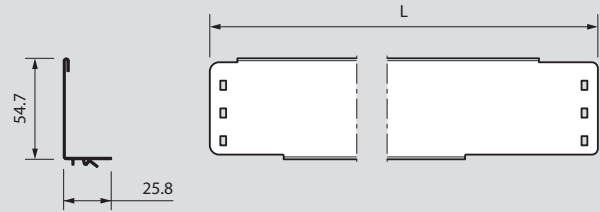
3 401 87

Pack	Cat.Nos	Designation
	<b>PG</b> <b>HDC</b> <b>304L</b> <b>316L</b>	
50	3 420 00   3 401 87   3 401 84   3 401 85	Identification plate

## Accessories

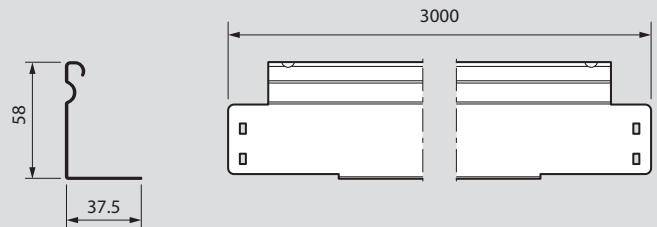
60 mm high - technical characteristics

### Quick-fixing dividers



Cat.Nos	Thickness (mm)	Weight (kg)
4 814 28	0.75	0.5
4 814 29	0.75	1.5

### Dividers



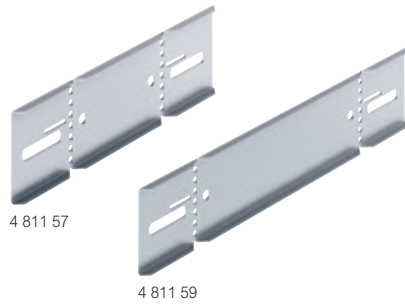
Cat.Nos	Thickness (mm)	Weight (kg)
4 804 28 4 834 28 4 865 00 4 883 00	0.6	1.51

## Accessories

60 mm high (continued)

### End caps

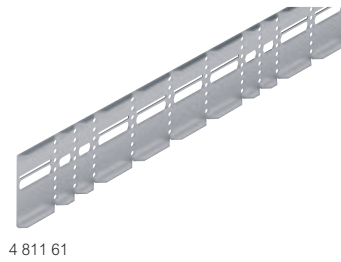
75 -> 300 mm



Pack	Cat.Nos				For P31 width:
	PG	HDC	RAL	316L	
1	4 811 56	4 831 56	4 861 56	4 882 15	75
1	4 811 57	4 831 57	4 861 57	4 882 16	100
1	4 811 58	4 831 58	4 861 58	4 882 17	150
1	4 811 59	4 831 59	4 861 59	4 882 18	200
1	4 811 60	4 831 60	4 861 60	4 882 19	300

### Adaptor for change of width

75 -> 600 mm



Pack	Cat.Nos				Designation
	PG	HDC	RAL	316L	
1	4 811 61	4 821 61	4 851 61	4 861 61	Adaptor for change of width

### PVC window

75 -> 600 mm



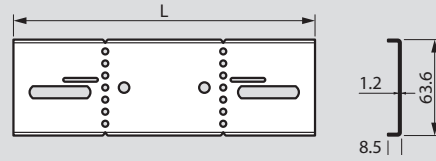
3 501 25

Pack	Cat.Nos	Designation
1	3 501 25	PVC window

## Accessories

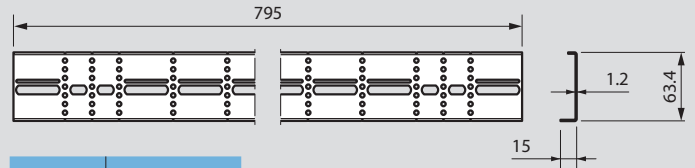
60 mm high (continued) - technical characteristics

### End caps



Cat.Nos	L (mm)	Weight (kg)
4 811 56 4 831 56 4 861 56 4 882 15	200	0.14
4 811 57 4 831 57 4 861 57 4 882 16	223	0.16
4 811 58 4 831 58 4 861 58 4 882 17	273	0.19
4 811 59 4 831 59 4 861 59 4 882 18	323	0.23
4 811 60 4 831 60 4 861 60 4 882 19	423	0.31

### Adaptor for change of width



Cat.Nos	Weight (kg)
4 811 61 4 821 61 4 851 61 4 861 61	0.36

## Accessories for cables

60 mm high

### Side bracket

Pack	Cat.Nos	Designation
	<b>PG</b>	
1	3 410 60	Side bracket

### Base strips



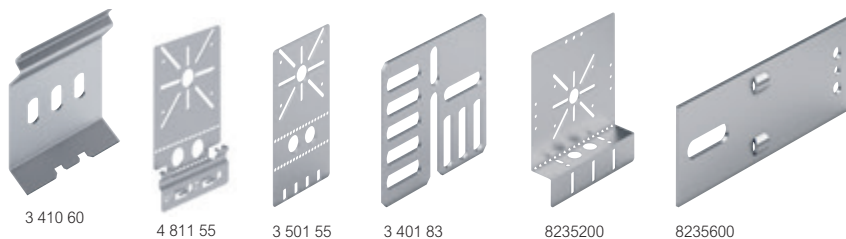
3 410 64

Pack	Cat.Nos	For P31 width:
	<b>PG</b>	
10	3 410 61	75
10	3 410 62	100
10	3 410 63	150
10	3 410 64	200
10	3 410 65	300
10	3 410 66	400
10	3 500 67	500
10	3 500 68	600

## Support for luminaires

60 mm high

### Mounting plates



3 410 60

4 811 55

3 501 55

3 401 83

8235200

8235600

Pack	Cat.Nos			Designation
	<b>PG</b>	<b>HDG</b>	<b>RAL</b>	
1	4 811 55	-	4 861 55	Quick mounting plate
1	3 501 55	3 501 56	3 501 57	Universal mounting plate
1	8235200	8265200	-	Large mounting plate
1	3 401 83	-	-	Multifunction plate
1	8235600	-	-	Side fixing plate
1	3 501 69	3 501 89	-	Universal mounting plate

### Fixing plates for Plexo junction boxes



0 919 47

0 919 48

Pack	Cat.Nos	Designation
	PLASTIC	
1	0 919 47	For boxes 80 x 100 mm
1	0 919 48	For boxes 105 x 105 mm

### Adaptors for wiring accessories



3 501 58

Pack	Cat.Nos	Designation
	<b>PG</b>	
1	3 501 58	For Mosaic devices
1	3 501 59	For Wago connectors
1	3 501 79	Simple adaptor
1	3 505 47	Adaptor kit + 80 x 80 mm Plexo box
1	3 505 48	Adaptor kit + 105 x 105 mm Plexo box

## Fixing accessories

60 mm high

### Multiclip



Pack	Cat.Nos	Designation
100	4 892 52	Multiclip

### Clip for covers

Pack	Cat.Nos	Designation
50	3 417 09	Fixing clip for covers

### Screws

Pack	Cat.Nos	Designation
200	3 418 95   3 468 95	M6 screw x 10

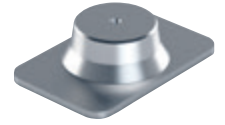


4 892 52

### Earthing connector



Pack	Cat.Nos	Designation
20	PTFEB	Earthing connector



PTFEB

### Accessories for earthing connector



Pack	Cat.Nos	Designation
50	3 417 08	Kit for earthing connector
100	3 417 28	Screws for earthing connector



3 417 09



3 417 08




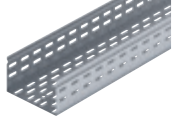
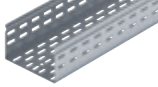

3 417 28



3 418 95

# P31 - metal cable trays 100 mm high

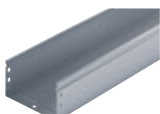
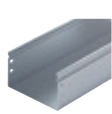
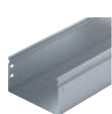
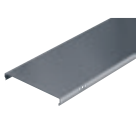
## selection chart



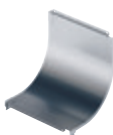



CROSS-SECTION (MM)	FINISH	LENGTHS OF PERFORATED METAL CABLE TRAY			
		Male / female coupling system cable trays	Traditional coupling cable trays 1.2/1.5 mm thick	Traditional coupling cable trays 2 mm thick	
					
100 x 100	PG	4 800 68	4 874 09	4 874 41	4 878 88 <sup>(1)</sup>
	HDG	4 820 68	4 874 25	4 874 58	-
100 x 150	PG	4 800 69	4 874 10	4 874 42	4 878 89 <sup>(1)</sup>
	HDG	4 820 69	4 874 26	4 874 59	-
100 x 200	PG	4 810 70	4 874 11	4 874 43	4 878 90 <sup>(1)</sup>
	HDG	4 821 70	4 874 27	4 874 60	-
100 x 300	PG	4 810 71	4 874 12	4 874 45	4 878 91 <sup>(1)</sup>
	HDG	4 821 71	4 874 28	4 874 61	-
100 x 400	PG	4 800 72	4 874 13	4 874 46	4 878 92 <sup>(1)</sup>
	HDG	4 820 72	4 874 29	4 874 62	-
100 x 500	PG	4 800 73	4 874 14	4 874 47	4 878 93 <sup>(1)</sup>
	HDG	4 820 73	4 874 30	4 874 63	-
100 x 600	PG	4 801 07	4 874 15	4 874 48	4 878 94 <sup>(1)</sup>
	HDG	4 821 06	4 874 31	4 874 64	-

1: 6 metres long  
2: 2 metres long

CROSS-SECTION (MM)	FINISH	ACCESSORIES FOR CHANGING DIRECTION				
		90° bends	Covers for 90° bends	Tees	Covers for tees	Junctions
						
100 x 100	PG	4 809 30	4 808 63	4 818 00	4 808 81	4 805 30
	HDG	4 829 30	4 828 63	4 822 80	4 828 81	4 824 39
100 x 150	PG	4 809 31	4 808 64	4 818 01	4 808 82	4 805 31
	HDG	4 829 31	4 828 64	4 822 81	4 828 82	4 824 41
100 x 200	PG	4 809 32	4 808 65	4 818 02	4 808 83	4 805 32
	HDG	4 829 32	4 828 65	4 822 82	4 828 83	4 824 45
100 x 300	PG	4 809 33	4 808 66	4 818 03	4 808 84	4 805 33
	HDG	4 829 33	4 828 66	4 822 83	4 828 84	4 824 46
100 x 400	PG	4 833 19	4 808 67	4 814 70	4 808 85	4 805 34
	HDG	4 832 06	4 828 67	4 834 70	4 828 85	4 824 98
100 x 500	PG	4 833 20	4 808 68	4 814 71	4 808 86	4 805 35
	HDG	4 832 07	4 828 68	4 834 71	4 828 86	4 824 99
100 x 600	PG	4 833 21	4 808 69	4 814 72	4 808 87	4 805 36
	HDG	4 832 08	4 833 14	4 834 72	4 833 77	4 825 00



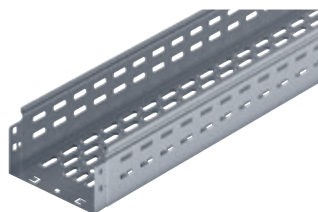
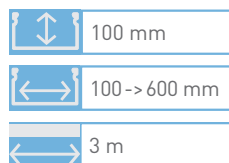
LENGTHS OF BLIND METAL CABLE TRAYS				COVERS
Male / female coupling system cable trays	Traditional coupling cable trays 1.2/1.5 mm thick	Traditional coupling cable trays 2 mm thick		
				
4 800 30	4 873 20	4 878 95 <sup>(1)</sup>	3 412 91 <sup>(2)</sup>	
4 820 88	4 873 23	-	3 432 91 <sup>(2)</sup>	
4 800 31	4 873 30	4 878 96 <sup>(1)</sup>	3 412 92 <sup>(2)</sup>	
4 820 89	4 873 33	-	3 432 92 <sup>(2)</sup>	
4 800 32	4 873 40	4 878 97 <sup>(1)</sup>	3 412 93 <sup>(2)</sup>	
4 820 90	4 873 43	-	3 432 93 <sup>(2)</sup>	
4 800 33	4 873 60	4 878 98 <sup>(1)</sup>	3 412 94 <sup>(2)</sup>	
4 820 91	4 873 63	-	3 432 94 <sup>(2)</sup>	
4 800 92	4 873 70	4 878 99 <sup>(1)</sup>	3 412 95 <sup>(2)</sup>	
4 820 92	4 873 73	-	3 432 95 <sup>(2)</sup>	
4 800 93	4 873 80	4 879 00 <sup>(1)</sup>	3 412 96 <sup>(2)</sup>	
4 820 93	4 873 83	-	3 432 96 <sup>(2)</sup>	
4 801 06	4 873 90	4 879 01 <sup>(1)</sup>	3 412 97 <sup>(2)</sup>	
4 821 07	4 873 93	-	3 432 97 <sup>(2)</sup>	

ACCESSORIES FOR CHANGING DIRECTION						END CLOSERS
Covers for junctions	Inside risers	Covers for inside risers	Outside risers	Covers for outside risers		
						
4 805 03	4 819 95	4 808 90	4 810 54	4 808 08	4 816 59	
4 825 03	4 829 95	4 828 90	4 820 10	4 828 08	4 836 59	
4 805 04	4 819 96	4 808 91	4 810 55	4 808 09	4 816 60	
4 825 04	4 829 96	4 828 91	4 820 11	4 828 09	4 836 60	
4 805 05	4 819 97	4 808 92	4 810 56	4 808 18	4 816 61	
4 825 05	4 829 97	4 828 92	4 820 12	4 828 18	4 836 61	
4 807 28	4 819 98	4 808 93	4 810 57	4 808 19	4 816 62	
4 827 28	4 829 98	4 828 93	4 820 13	4 828 19	4 836 62	
4 807 45	4 831 81	4 808 96	4 835 04	4 808 27	4 816 63	
4 827 45	4 834 11	4 828 96	4 833 26	4 828 27	4 836 63	
4 807 46	4 831 82	4 808 97	4 835 05	4 808 28	4 816 64	
4 827 46	4 834 12	4 828 97	4 833 27	4 828 28	4 836 64	
4 807 47	4 831 83	4 808 98	4 835 06	4 808 29	4 807 37	
4 827 47	4 834 13	4 828 98	4 833 28	4 838 29	4 827 37	

## P31 - perforated metal cable trays

100 mm high

### P31 - male / female coupling system cable trays



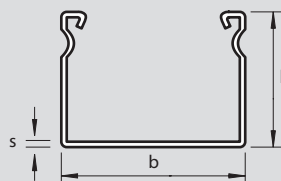
4 810 70

Pack	Cat.Nos		Designation	Width (mm)
	<b>PG</b>	<b>HDG</b>		
1	4 800 68	4 820 68	P31 MF 100 x 100	100
1	4 800 69	4 820 69	P31 MF 100 x 150	150
1	4 810 70	4 821 70	P31 MF 100 x 200	200
1	4 810 71	4 821 71	P31 MF 100 x 300	300
1	4 800 72	4 820 72	P31 MF 100 x 400	400
1	4 800 73	4 820 73	P31 MF 100 x 500	500
1	4 801 07	4 821 06	P31 MF 100 x 600	600

## P31 - perforated metal cable trays

100 mm high - technical characteristics

### P31 - male / female coupling system cable trays



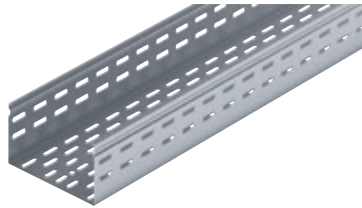
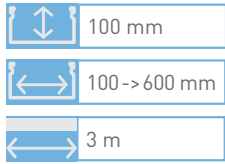
Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
<b>4 800 68</b> <b>4 820 68</b>	100	100	0.6	3000	9761	4.2
<b>4 800 69</b> <b>4 820 69</b>	100	150	0.6	3000	14701	4.8
<b>4 810 70</b> <b>4 821 70</b>	100	200	0.6	3000	19641	5.6
<b>4 810 71</b> <b>4 821 71</b>	100	300	0.6	3000	29521	8.02
<b>4 800 72</b> <b>4 820 72</b>	100	400	0.9	3000	39103	12.21
<b>4 800 73</b> <b>4 820 73</b>	100	500	0.9	3000	48923	15.45
<b>4 801 07</b> <b>4 821 06</b>	100	600	0.9	3000	58743	16.20



## P31 - perforated metal cable trays

100 mm high (continued)

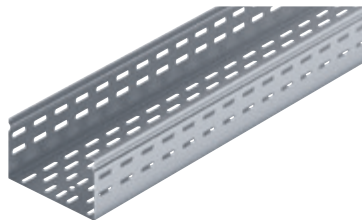
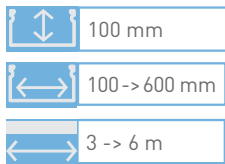
### P31 - traditional coupling cable trays 1.5 mm thick



4 874 11

Pack	Cat.Nos		Designation	Width (mm)
	<b>PG</b>	<b>HDC</b>		
1	4 874 09	4 874 25	P31 EP 1.5 100 x 100	100
1	4 874 10	4 874 26	P31 EP 1.5 100 x 150	150
1	4 874 11	4 874 27	P31 EP 1.5 100 x 200	200
1	4 874 12	4 874 28	P31 EP 1.5 100 x 300	300
1	4 874 13	4 874 29	P31 EP 1.5 100 x 400	400
1	4 874 14	4 874 30	P31 EP 1.5 100 x 500	500
1	4 874 15	4 874 31	P31 EP 1.5 100 x 600	600

### P31 - traditional coupling cable trays 2 mm thick



4 874 43

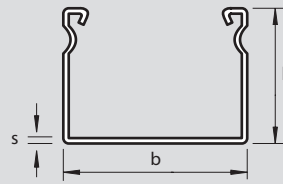
Pack	Cat.Nos		Designation	Width (mm)
	<b>PG</b>	<b>HDC</b>		
<b>Length 3 m</b>				
1	4 874 41	4 874 58	P31 EP 2 100 x 100	100
1	4 874 42	4 874 59	P31 EP 2 100 x 150	150
1	4 874 43	4 874 60	P31 EP 2 100 x 200	200
1	4 874 45	4 874 61	P31 EP 2 100 x 300	300
1	4 874 46	4 874 62	P31 EP 2 100 x 400	400
1	4 874 47	4 874 63	P31 EP 2 100 x 500	500
1	4 874 48	4 874 64	P31 EP 2 100 x 600	600
<b>Length 6 m</b>				
1	4 878 88	-	P31 EP 2 100 x 100	100
1	4 878 89	-	P31 EP 2 100 x 150	150
1	4 878 90	-	P31 EP 2 100 x 200	200
1	4 878 91	-	P31 EP 2 100 x 300	300
1	4 878 92	-	P31 EP 2 100 x 400	400
1	4 878 93	-	P31 EP 2 100 x 500	500
1	4 878 94	-	P31 EP 2 100 x 600	600



## P31 - perforated metal cable trays

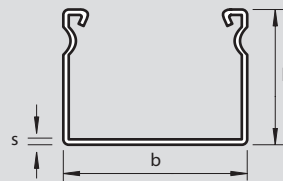
100 mm high (continued) - technical characteristics

### P31 - traditional coupling cable trays 1.5 mm thick



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 874 09 4 874 25	100	100	1.5	3000	9216	9.80
4 874 10 4 874 26	100	150	1.5	3000	14016	11.40
4 874 11 4 874 27	100	200	1.5	3000	18816	13.00
4 874 12 4 874 28	100	300	1.5	3000	28416	16.21
4 874 13 4 874 29	100	400	1.5	3000	38016	19.30
4 874 14 4 874 30	100	500	1.5	3000	47616	22.39
4 874 15 4 874 31	100	600	1.5	3000	57216	25.50

### P31 - traditional coupling cable trays 2 mm thick



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 874 41 4 874 58	100	100	2	3000	9216	12.90
4 874 42 4 874 59	100	150	2	3000	14016	14.90
4 874 43 4 874 60	100	200	2	3000	18816	17.10
4 874 45 4 874 61	100	300	2	3000	28416	21.30
4 874 46 4 874 62	100	400	2	3000	38016	25.40
4 874 47 4 874 63	100	500	2	3000	47616	29.50
4 874 48 4 874 64	100	600	2	3000	57216	33.80
4 878 88	100	100	2	6000	9216	26.40
4 878 89	100	150	2	6000	14016	30.50
4 878 90	100	200	2	6000	18816	35.00
4 878 91	100	300	2	6000	28416	43.20
4 878 92	100	400	2	6000	38016	51.50
4 878 93	100	500	2	6000	47616	59.80
4 878 94	100	600	2	6000	57216	68.10

## P31 - blind metal cable trays

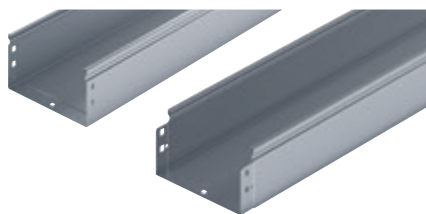
100 mm high

### P31 - male / female coupling system cable trays

100 mm

100 -> 600 mm

3 m



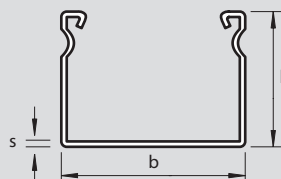
4 800 32

Pack	Cat.Nos		Designation	Width (mm)
	<b>PG</b>	<b>HDG</b>		
1	4 800 30	4 820 88	P31 MF 100 x 100	100
1	4 800 31	4 820 89	P31 MF 100 x 150	150
1	4 800 32	4 820 90	P31 MF 100 x 200	200
1	4 800 33	4 820 91	P31 MF 100 x 300	300
1	4 800 92	4 820 92	P31 MF 100 x 400	400
1	4 800 93	4 820 93	P31 MF 100 x 500	500
1	4 801 06	4 821 07	P31 MF 100 x 600	600

## P31 - blind metal cable trays

100 mm high - technical characteristics

### P31 - male / female coupling system cable trays



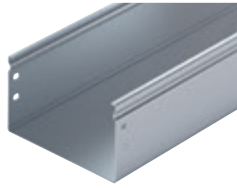
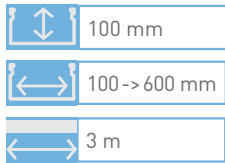
Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
<b>4 800 30</b> <b>4 820 88</b>	100	100	0.6	3000	9761	4.64
<b>4 800 31</b> <b>4 820 89</b>	100	150	0.6	3000	14701	5.36
<b>4 800 32</b> <b>4 820 90</b>	100	200	0.9	3000	19463	9.08
<b>4 800 33</b> <b>4 820 91</b>	100	300	0.9	3000	29283	11.22
<b>4 800 92</b> <b>4 820 92</b>	100	400	0.9	3000	39103	13.31
<b>4 800 93</b> <b>4 820 93</b>	100	500	0.9	3000	48923	15.45
<b>4 801 06</b> <b>4 821 07</b>	100	600	0.9	3000	58743	16.20



## P31 - blind metal cable trays

100 mm high (continued)

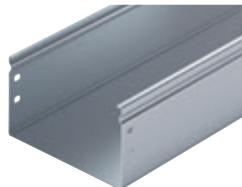
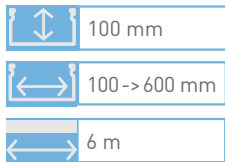
### P31 - traditional coupling cable trays 1.2/1.5 mm thick



4 873 40

Pack	Cat.Nos	Designation	Width (mm)
	<b>PG</b> <b>HDC</b>		
1	4 873 20   4 873 23	P31 EP 1.2/1.5 100 x 100	100
1	4 873 30   4 873 33	P31 EP 1.2/1.5 100 x 150	150
1	4 873 40   4 873 43	P31 EP 1.2/1.5 100 x 200	200
1	4 873 60   4 873 63	P31 EP 1.2/1.5 100 x 300	300
1	4 873 70   4 873 73	P31 EP 1.2/1.5 100 x 400	400
1	4 873 80   4 873 83	P31 EP 1.2/1.5 100 x 500	500
1	4 873 90   4 873 93	P31 EP 1.2/1.5 100 x 600	600

### P31 - traditional coupling cable trays 2 mm thick



4 878 97

Pack	Cat.Nos	Designation	Width (mm)
	<b>PG</b>		
1	4 878 95	P31 EP 2 100 x 100	100
1	4 878 96	P31 EP 2 100 x 150	150
1	4 878 97	P31 EP 2 100 x 200	200
1	4 878 98	P31 EP 2 100 x 300	300
1	4 878 99	P31 EP 2 100 x 400	400
1	4 879 00	P31 EP 2 100 x 500	500
1	4 879 01	P31 EP 2 100 x 600	600

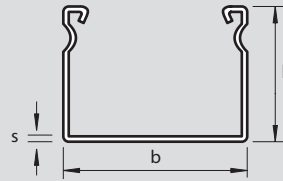
Covers p. 52



## P31 - blind metal cable trays

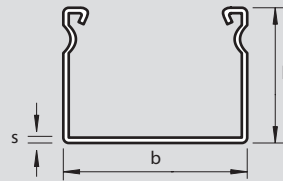
100 mm high (continued) - technical characteristics

### P31 - traditional coupling cable trays 1.2/1.5 mm thick



Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 873 20 4 873 23	100	100	1.5	3000	9409	11.00
4 873 30 4 873 33	100	150	1.5	3000	14259	12.85
4 873 40 4 873 43	100	200	1.5	3000	19109	14.50
4 873 60 4 873 63	100	300	1.5	3000	28809	18.15
4 873 70 4 873 73	100	400	1.5	3000	38509	21.69
4 873 80 4 873 83	100	500	1.5	3000	48209	25.30
4 873 90 4 873 93	100	600	1.5	3000	57909	28.80

### P31 - traditional coupling cable trays 2 mm thick

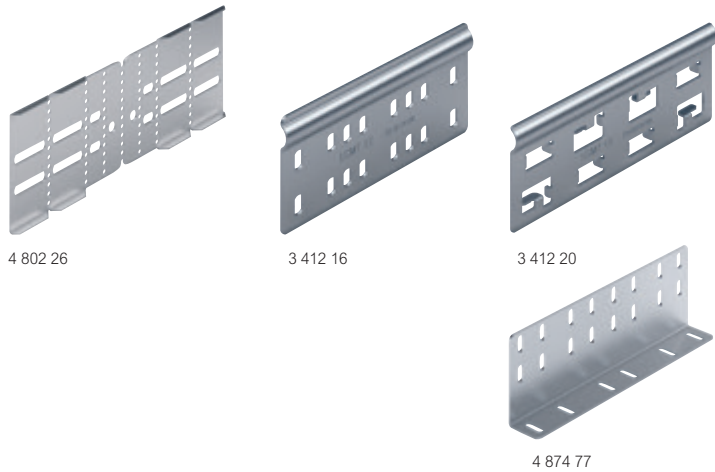


Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm <sup>2</sup> )	Weight (kg)
4 878 95	100	100	2	6000	9216	29.3
4 878 96	100	150	2	6000	14016	34.02
4 878 97	100	200	2	6000	18816	38.74
4 878 98	100	300	2	6000	28416	48.17
4 878 99	100	400	2	6000	38016	57.6
4 879 00	100	500	2	6000	47616	67.03
4 879 01	100	600	2	6000	57216	76.46

# Traditional coupling and covers

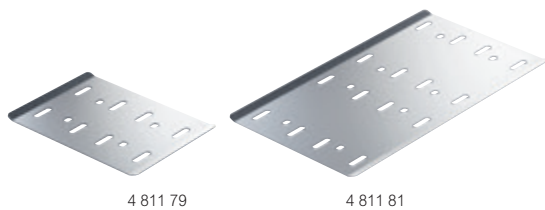
100 mm high

## Traditional couplings



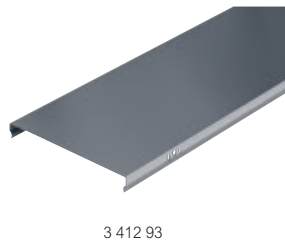
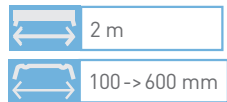
Pack	Cat.Nos		Designation
	<b>PG</b>	<b>HDC</b>	
1	4 802 26	4 832 26	EDU coupler
1	3 412 16	3 432 16	EP coupler
1	3 412 20	3 432 20	ER coupler
1	4 874 77	4 874 79	External bracket coupler for P31, 1.2/1.5 and 2 mm thick

## Base couplers



Pack	Cat.Nos	For perforated P31 width:
	<b>PG</b>	
1	4 811 79	200
1	4 811 80	300
1	4 811 81	400
1	4 811 82	500
1	4 811 83	600

## Covers



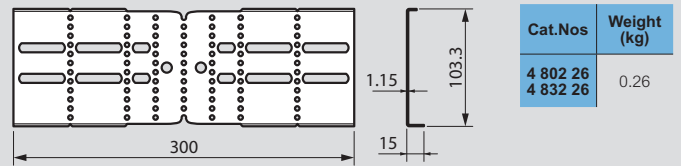
Pack	Cat.Nos		Désignation	Width (mm)
	<b>PG</b>	<b>HDC</b>		
1	3 412 91	3 432 91	P31 CO100	100
1	3 412 92	3 432 92	P31 CO150	150
1	3 412 93	3 432 93	P31 CO200	200
1	3 412 94	3 432 94	P31 CO300	300
1	3 412 95	3 432 95	P31 CO400	400
1	3 412 96	3 432 96	P31 CO500	500
1	3 412 97	3 432 97	P31 CO600	600

# Traditional coupling and covers

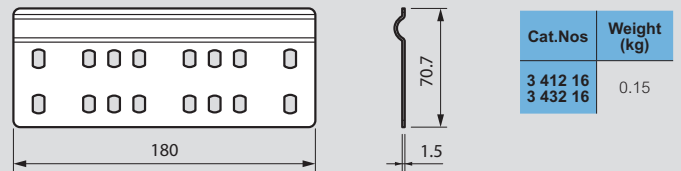
100 mm high - technical characteristics

## Traditional coupling

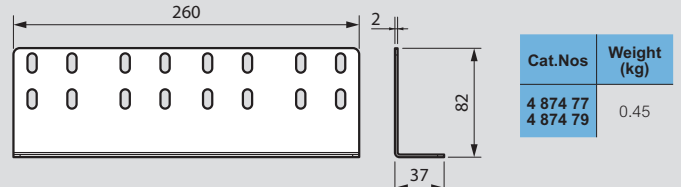
### EDU coupler



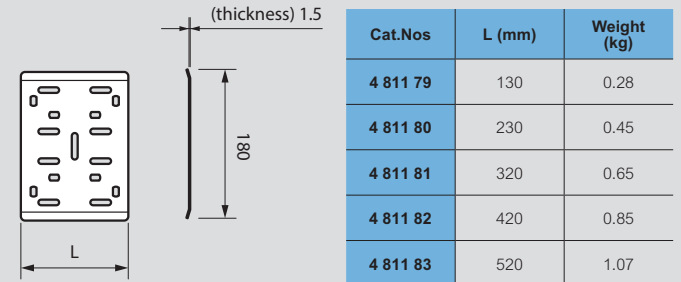
### EP coupler



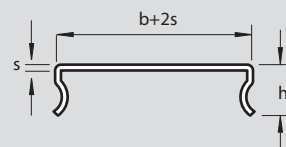
### External bracket coupler



## Base couplers



## Covers

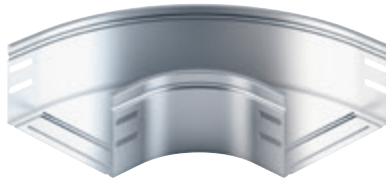


Cat.Nos	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Weight (kg)
3 412 91	19	100	0.5	2000	1.1
3 432 91	19	100	0.8	2000	1.8
3 412 92	19	150	0.5	2000	1.5
3 432 92	19	150	0.8	2000	2.4
3 412 93	19	200	0.5	2000	1.9
3 432 93	19	200	0.8	2000	3
3 412 94	19	300	0.6	2000	3.2
3 432 94	19	300	0.8	2000	4.3
3 412 95	19	400	0.75	2000	5.2
3 432 95	19	400	0.8	2000	5.5
3 412 96	19	500	0.75	2000	6.4
3 432 96	19	500	0.8	2000	6.8
3 412 97	19	600	0.75	2000	7.5
3 432 97	19	600	0.8	2000	13.2

## 90° bends and covers

100 mm high

### 90° bends



4 809 32

Pack	Cat.Nos		For P31 width:
	PG	HDC	
1	4 809 30	4 829 30	100
1	4 809 31	4 829 31	150
1	4 809 32	4 829 32	200
1	4 809 33	4 829 33	300
1	4 833 19	4 832 06	400
1	4 833 20	4 832 07	500
1	4 833 21	4 832 08	600

### Covers for 90° bends



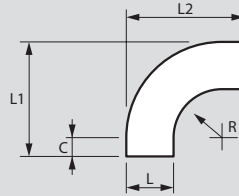
4 808 65

Pack	Cat.Nos		For P31 width:
	PG	HDC	
1	4 808 63	4 828 63	100
1	4 808 64	4 828 64	150
1	4 808 65	4 828 65	200
1	4 808 66	4 828 66	300
1	4 808 67	4 828 67	400
1	4 808 68	4 828 68	500
1	4 808 69	4 833 14	600

## 90° bends and covers

100 mm high - technical characteristics

### Dimensions and weights



### 90° bends

Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	C (mm)	Weight (kg)
4 809 30 4 829 30	103	102	100	252	252	50	0.63
4 809 31 4 829 31	103	152	100	302	302	50	0.81
4 809 32 4 829 32	103	202	100	352	352	50	1.01
4 809 33 4 829 33	103	302	100	452	452	50	1.47
4 833 19 4 832 06	103	402	100	552	552	50	2.01
4 833 20 4 832 07	103	502	100	652	652	50	2.65
4 833 21 4 832 08	103	602	100	752	752	50	3.37

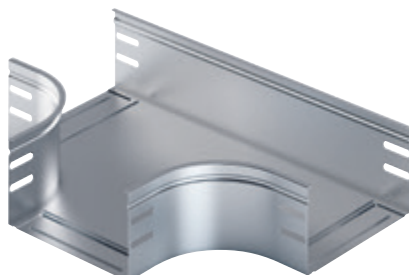
### Covers for 90° bends

Cat.Nos	Weight (kg)
4 808 63 4 828 63	0.25
4 808 64 4 828 64	0.38
4 808 65 4 828 65	0.54
4 808 66 4 828 66	0.92
4 808 67 4 828 67	1.46
4 808 68 4 828 68	2.02
4 808 69 4 833 14	2.66

## Tees and covers

100 mm high

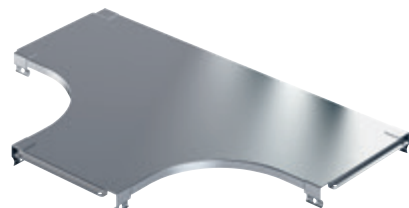
### Tees



4 818 02

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDC</b>	
1	4 818 00	4 822 80	100
1	4 818 01	4 822 81	150
1	4 818 02	4 822 82	200
1	4 818 03	4 822 83	300
1	4 814 70	4 834 70	400
1	4 814 71	4 834 71	500
1	4 814 72	4 834 72	600

### Covers for tees



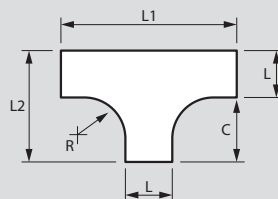
4 808 83

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDC</b>	
1	4 808 81	4 828 81	100
1	4 808 82	4 828 82	150
1	4 808 83	4 828 83	200
1	4 808 84	4 828 84	300
1	4 808 85	4 828 85	400
1	4 808 86	4 828 86	500
1	4 808 87	4 833 77	600

## Tees and covers

100 mm high - technical characteristics

### Dimensions and weights



### Tees

Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	C (mm)	Weight (kg)
<b>4 818 00</b> <b>4 822 80</b>	103	102	100	400	250	149.3	0.93
<b>4 818 01</b> <b>4 822 81</b>	103	152	100	450	300	149.3	1.15
<b>4 818 02</b> <b>4 822 82</b>	103	202	100	500	350	149.3	1.41
<b>4 818 03</b> <b>4 822 83</b>	103	302	100	600	450	149.3	2.01
<b>4 814 70</b> <b>4 834 70</b>	104	402	100	700	550	149.3	2.68
<b>4 814 71</b> <b>4 834 71</b>	104	502	100	800	650	149.3	3.49
<b>4 814 72</b> <b>4 834 72</b>	104	602	100	900	750	149.3	4.41

### Covers for tees

Cat.Nos	Weight (kg)
<b>4 808 81</b> <b>4 828 81</b>	0.42
<b>4 808 82</b> <b>4 828 82</b>	0.62
<b>4 808 83</b> <b>4 828 83</b>	0.85
<b>4 808 84</b> <b>4 828 84</b>	1.40
<b>4 808 85</b> <b>4 828 85</b>	2.11
<b>4 808 86</b> <b>4 828 86</b>	2.87
<b>4 808 87</b> <b>4 833 77</b>	3.74



## Junctions and covers

100 mm high

### Junctions

100 mm

100 -> 600 mm

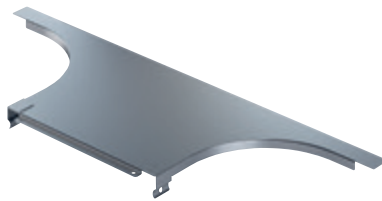


4 805 32

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDG</b>	
1	4 805 30	4 824 39	100
1	4 805 31	4 824 41	150
1	4 805 32	4 824 45	200
1	4 805 33	4 824 46	300
1	4 805 34	4 824 98	400
1	4 805 35	4 824 99	500
1	4 805 36	4 825 00	600

### Covers for junctions

100 -> 600 mm



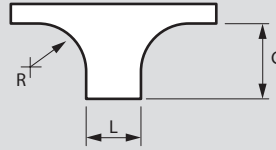
4 805 05

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDG</b>	
1	4 805 03	4 825 03	100
1	4 805 04	4 825 04	150
1	4 805 05	4 825 05	200
1	4 807 28	4 827 28	300
1	4 807 45	4 827 45	400
1	4 807 46	4 827 46	500
1	4 807 47	4 827 47	600

## Junctions and covers

100 mm high - technical characteristics

### Dimensions and weights



### Junctions

Cat.Nos	H (mm)	L (mm)	R (mm)	C (mm)	Weight (kg)
4 805 30 4 824 39	103	102	100	185	0.16
4 805 31 4 824 41	103	152	100	185	0.21
4 805 32 4 824 45	103	202	100	185	0.26
4 805 33 4 824 46	103	302	100	185	0.36
4 805 34 4 824 98	104	402	100	185	0.47
4 805 35 4 824 99	104	502	100	185	0.57
4 805 36 4 825 00	104	602	100	185	0.67

### Covers for tees

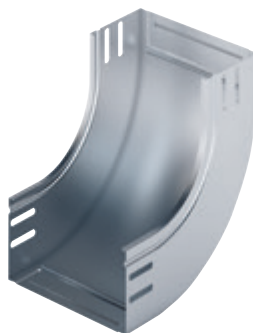
Cat.Nos	Weight (kg)
4 805 03 4 825 03	0.2
4 805 04 4 825 04	0.25
4 805 05 4 825 05	0.30
4 807 28 4 827 28	0.41
4 807 45 4 827 45	0.55
4 807 46 4 827 46	0.65
4 807 47 4 827 47	0.75

## Inside risers

100 mm high

### Inside risers

	100 mm
	100 -> 600 mm

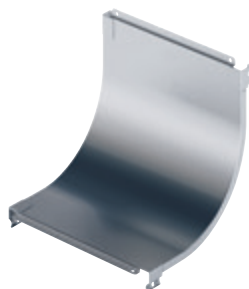


4 819 97

Pack	Cat.Nos		For P31 width:
	PG	HDG	
1	4 819 95	4 829 95	100
1	4 819 96	4 829 96	150
1	4 819 97	4 829 97	200
1	4 819 98	4 829 98	300
1	4 831 81	4 834 11	400
1	4 831 82	4 834 12	500
1	4 831 83	4 834 13	600

### Covers for inside risers

	100 -> 600 mm
--	---------------



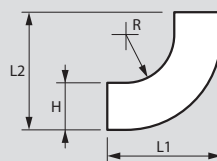
4 808 92

Pack	Cat.Nos		For P31 width:
	PG	HDG	
1	4 808 90	4 828 90	100
1	4 808 91	4 828 91	150
1	4 808 92	4 828 92	200
1	4 808 93	4 828 93	300
1	4 808 96	4 828 96	400
1	4 808 97	4 828 97	500
1	4 808 98	4 828 98	600

## Inside risers

100 mm high - technical characteristics

### Dimensions (mm)



### Inside risers

Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	C (mm)	Weight (kg)
4 819 95 4 829 95	103	102	200	255	255	55	0.69
4 819 96 4 829 96	103	152	200	255	255	55	0.81
4 819 97 4 829 97	103	202	200	255	255	55	0.93
4 819 98 4 829 98	103	302	200	255	255	55	1.17
4 831 81 4 834 11	104	402	200	255	255	55	1.39
4 831 82 4 834 12	104	502	200	255	255	55	1.62
4 831 83 4 834 13	104	602	200	255	255	55	1.86

### Covers for inside risers

Cat.Nos	Weight (kg)
4 808 90 4 828 90	0.18
4 808 91 4 828 91	0.26
4 808 92 4 828 92	0.34
4 808 93 4 828 93	0.5
4 808 96	0.67
4 828 96	0.58
4 808 97	0.82
4 828 97	0.73
4 808 98	0.97
4 828 98	0.87

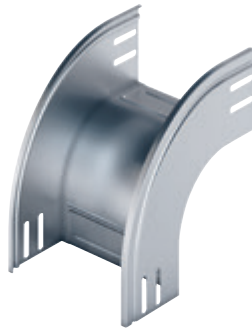
## Convex risers

100 mm high

### Convex risers

100 mm

100 -> 600 mm

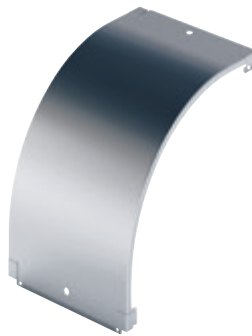


4 810 56

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDG</b>	
1	4 810 54	4 820 10	100
1	4 810 55	4 820 11	150
1	4 810 56	4 820 12	200
1	4 810 57	4 820 13	300
1	4 835 04	4 833 26	400
1	4 835 05	4 833 27	500
1	4 835 06	4 833 28	600

### Covers for convex risers

100 -> 600 mm



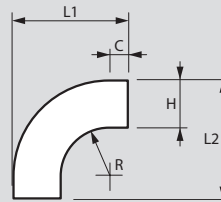
4 808 18

Pack	Cat.Nos		For P31 width:
	<b>PG</b>	<b>HDG</b>	
1	4 808 08	4 828 08	100
1	4 808 09	4 828 09	150
1	4 808 18	4 828 18	200
1	4 808 19	4 828 19	300
1	4 808 27	4 828 27	400
1	4 808 28	4 828 28	500
1	4 808 29	4 838 29	600

## Convex risers

100 mm high - technical characteristics

### ■ Dimensions (mm)



### Convex risers

Cat.Nos	H (mm)	L (mm)	R (mm)	L1 (mm)	L2 (mm)	C (mm)	Weight (kg)
4 810 54 4 820 10	100	100	100	255	255	55	0.6
4 810 55 4 820 11	100	150	100	255	255	55	0.67
4 810 56 4 820 12	100	200	100	255	255	55	0.75
4 810 57 4 820 13	100	300	100	255	255	55	0.89
4 835 04 4 833 26	100	400	100	255	255	55	1.03
4 835 05 4 833 27	100	500	100	255	255	55	1.18
4 835 06 4 833 28	100	600	100	255	255	55	1.32

### Covers for convex risers

Cat.Nos	Weight (kg)
4 808 08 4 828 08	0.3
4 808 09 4 828 09	0.42
4 808 18 4 828 18	0.55
4 808 19 4 828 19	0.8
4 808 27 4 828 27	1.07
4 808 28 4 828 28	1.29
4 808 29 4 838 29	1.52

## Accessories

100 mm high

### Dividers



4 816 57

Pack.	Cat.Nos	Designation
1	<div style="display: inline-block; border: 1px solid black; padding: 2px;">PG</div> <div style="display: inline-block; border: 1px solid black; padding: 2px; margin-left: 10px;">HDG</div>	Divider
	4 816 57   4 836 57	

### Protective end cover



5 223 54

Pack.	Cat.Nos	Designation
1	5 223 54	Protective end cover (pouch of 5 pieces)

### End closers



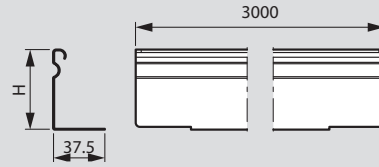
4 816 61

Pack	Cat.Nos	For P31 width:
	<div style="display: inline-block; border: 1px solid black; padding: 2px;">PG</div> <div style="display: inline-block; border: 1px solid black; padding: 2px; margin-left: 10px;">HDG</div>	
1	4 816 59   4 836 59	100
1	4 816 60   4 836 60	150
1	4 816 61   4 836 61	200
1	4 816 62   4 836 62	300
1	4 816 63   4 836 63	400
1	4 816 64   4 836 64	500
1	4 807 37   4 827 37	600

## Accessories

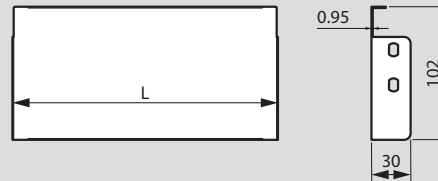
100 mm high - technical characteristics

### Dividers



Cat.Nos	H (mm)	Thickness (mm)	Weight (kg)
4 816 57 4 836 57	98	0.6	2.10

### End closers

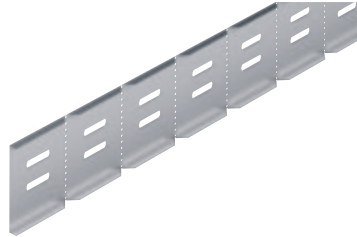


Cat.Nos	L (mm)	Weight (kg)
4 816 59 4 836 59	101	0.16
4 816 60 4 836 60	151	0.21
4 816 61 4 836 61	201	0.25
4 816 62 4 836 62	301	0.34
4 816 63 4 836 63	401	0.44
4 816 64 4 836 64	501	0.53
4 807 37 4 827 37	601	0.58

## Accessories and supports for luminaires

100 mm high

### Adaptor for change of width



4 810 09

Pack	Cat.Nos	Designation
	<b>PG</b>	
1	4 810 09	Adaptor for change of width

### Universal support



3 411 62

Pack	Cat.Nos	Designation
	<b>PG</b>	
1	3 411 62	Universal support

### Mounting plates



8235200



3 401 83



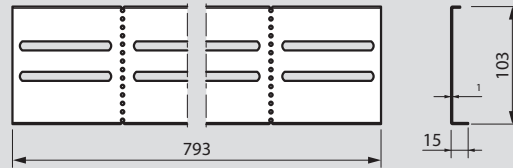
8235600

Pack	Cat.Nos	Designation
	<b>PG</b>	
1	8235200	Large mounting plate
1	3 401 83	Multifunction plate
1	8235600	Side mounting plate

## Accessories and supports for luminaires

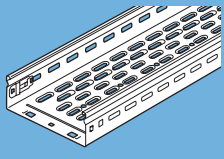
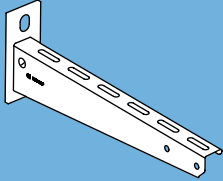
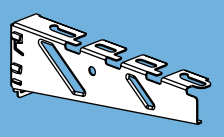



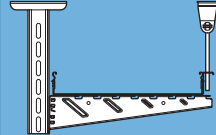
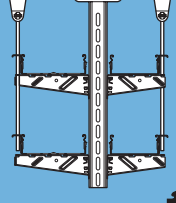
100 mm high - technical characteristics

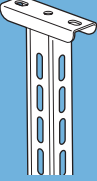
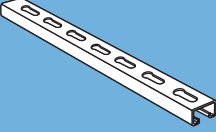
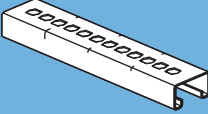



### Adaptor for change of width



Cat.Nos	Weight (kg)
4 810 09	0.57

## P31 - cable trays fire test configurations

Configuration	Classification	Width (mm)	Automatic coupling cable tray  H = 60 mm	CRP bracket 	CB bracket 
<b>P31 100-200 mm on CRP (1)</b>  <b>kg/m</b> <b>10 kg/m</b> <b>1.5 m range</b>	E30->E60	100	4 801 11	CM557213	-
		150	4 801 12	CM557233	
		200	4 801 13		
<b>P31 100-200 mm on CB + diagonal threaded rod (1)+(2)</b>  <b>kg/m</b> <b>20 kg/m</b> <b>1.5 m range</b>	E30->E90	100	4 801 11	-	CM350810
		150	4 801 12	-	CM350820
		200	4 801 13	-	CM350830
<b>P31 100-400 mm sur R21S (1)+(2)</b>  <b>kg/m</b> <b>20 kg/m</b>	E30->E90	100	4 801 11	-	CM350810
		150	4 801 12		CM350820
		200	4 801 13		CM350830
		300	4 801 14		CM350840
		400	4 801 15		CM350850
<b>P31 100-400 mm on U55+CB (1)+(2)</b>  <b>kg/m</b> <b>20 kg/m</b>	E30->E90	100	4 801 11	-	CM350810
		150	4 801 12		CM350820
		200	4 801 13		CM350830
		300	4 801 14		CM350840
		400	4 801 15		CM350850
<b>P31 100-400 mm on U55 + CB (1)+(2)</b>  <b>kg/m</b> <b>20 kg/m</b>	E30->E90	100	4 801 11	-	CM350810
		150	4 801 12		CM350820
		200	4 801 13		CM350830
		300	4 801 14		CM350840
		400	4 801 15		CM350850

U55 rail (length L) 	R21S rail (minimum 1.5 mm thick) 	R21SP rail 	M10 threaded rod 	Ceiling bracket 	Threaded rod side bracket 
-	-	-	-	-	-
-	-	-	CM801721	VG8238700	3 501 22
-	3 421 80	3 480 49	CM801721	VG8238700 (Optional)	-
-	-	-	CM801721	VG8238700 (Optional)	3 501 22
3 483 62 - L = 200 mm 3 483 63 - L = 300 mm 3 483 64 - L = 400 mm 3 483 65 - L = 500 mm 3 483 66 - L = 600 mm 3 483 67 - L = 700 mm 3 483 68 - L = 800 mm 3 483 69 - L = 900 mm 3 483 60 - L = 1000 mm 3 483 71 - L = 1100 mm 3 483 72 - L = 1200 mm	-	-	CM801721	VG8238700 (Optional)	3 501 22

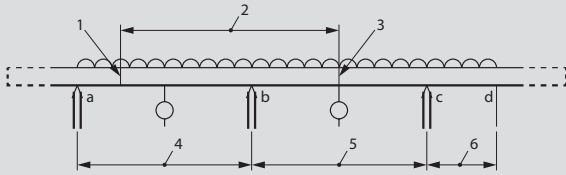
# P31 cable trays

## permissible loads

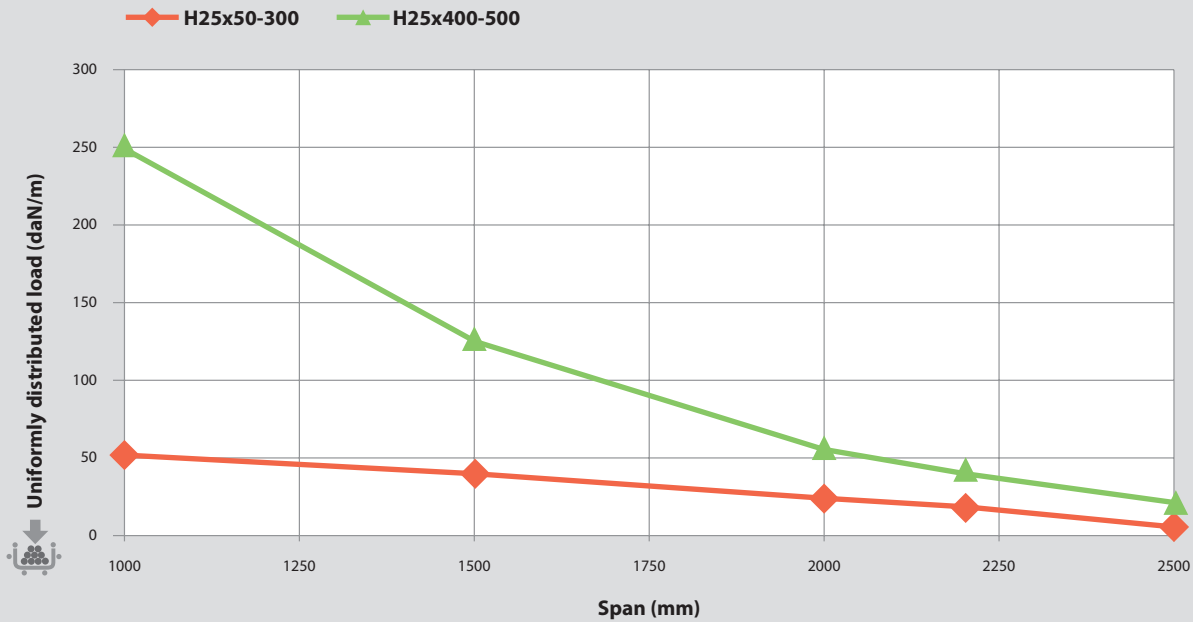
### Permissible loads

The cable routing complies with IEC/EN 61537 Test Type 2, Figure 2b.

This standard details the configurations for the mechanical tests to be performed on the cable trays and supports, as well as the issues of electrical continuity and corrosion.

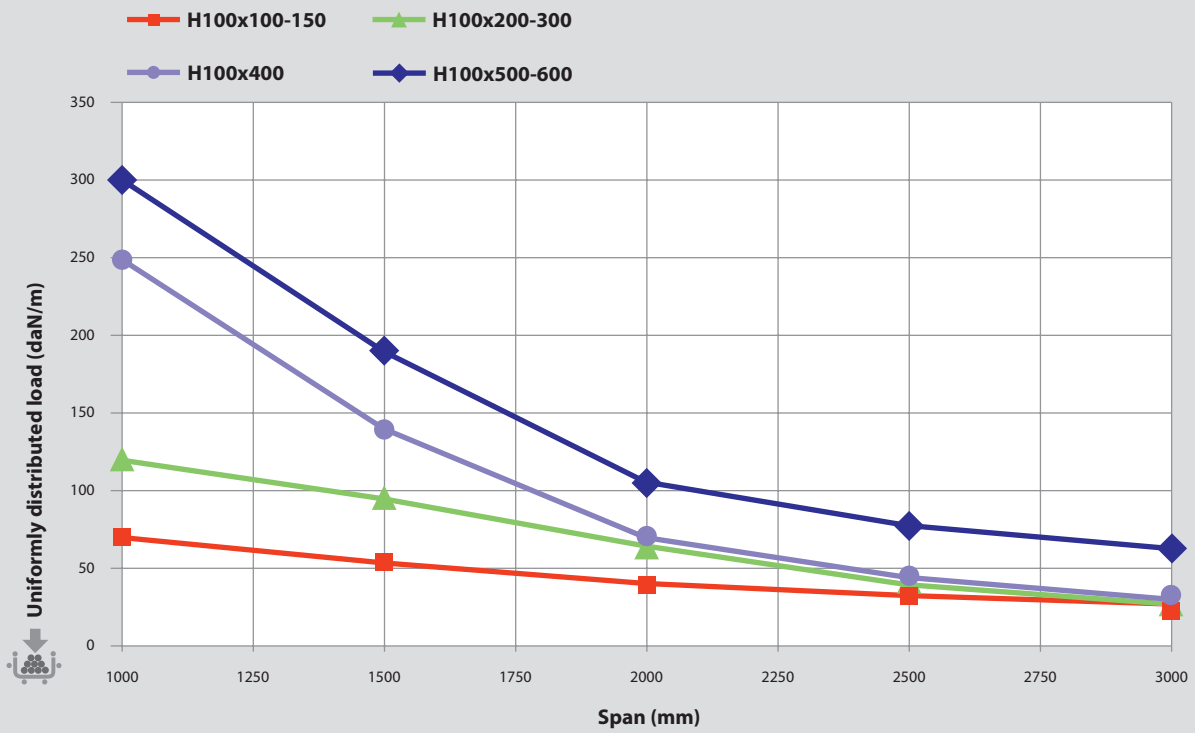
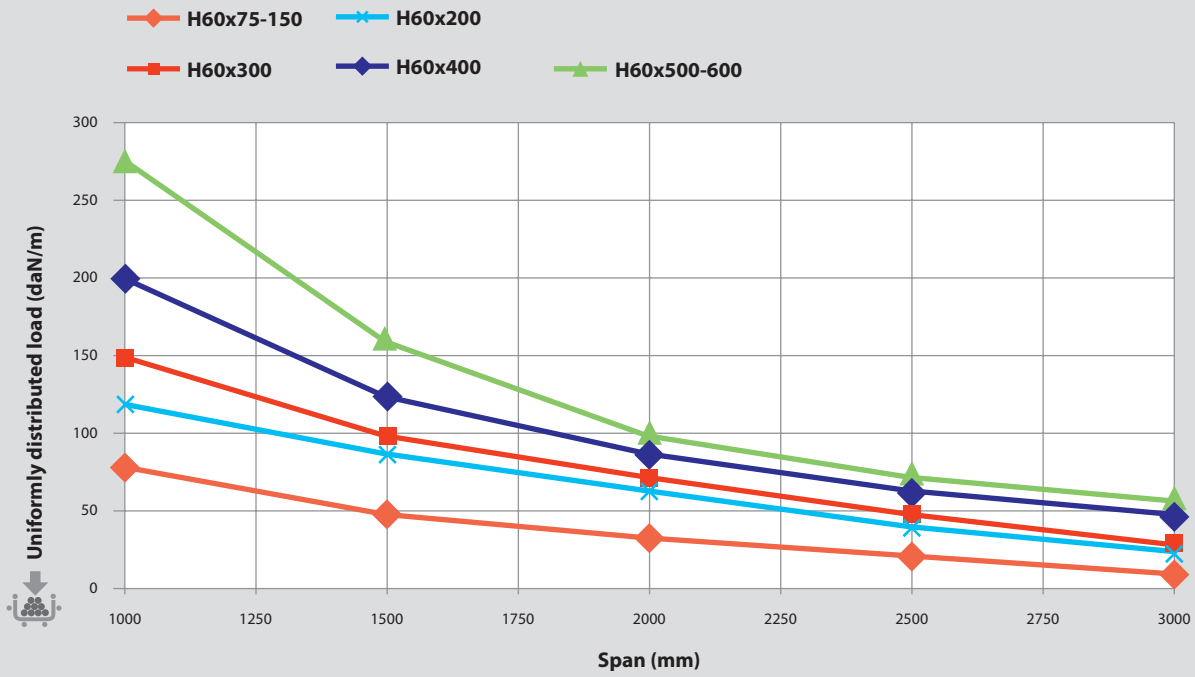


- 1 - For testing purposes, an a-b span joint can be required since b-c span joint must always be in the mid span position
- 2 - Standard length of the product; it can be reduced for testing purposes only if the joint is in the c-d range or within 25% of the length of the support span c
- 3 - Joint in the middle of the b-c span
- 4 - End span = 0.8 L
- 5 - Middle span = L
- 6 - Range = 0.4 L
- a, b and c - Positions of the supports
- d - Load bearing ends
- L - Distance between the supports according to lengths in compliance with the manufacturer's declarations





■ Permissible loads







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0 919 48	44	1	3 501 59	44	1	4 807 00	27	1	4 810 62	28	1	4 817 82	37	1	4 825 53	27	1
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3 401 84	42	50	3 501 89	44	1	4 807 28	14, 37, 55	1	4 810 65	28	1	4 817 85	37	1	4 825 56	27	1
3 401 85	42	50	3 505 47	44	1	4 807 30	27	1	4 810 66	28	1	4 817 86	37	1	4 827 28	14, 37, 55	1
3 401 87	42	50	3 505 48	44	1	4 807 37	58	1	4 810 67	28	1	4 817 87	37	1	4 827 37	58	1
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4 835 28	11	10	4 848 22	39	1	4 860 16	30	1	4 874 15	28	1	4 879 44	25	1	4 883 26	42	1
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4 835 62	29	12	4 848 24	39	1	4 860 18	30	1	4 874 26	28	1	4 879 46	25	1	4 883 28	42	1
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4 836 63	58	1			4 861 60	43	1	4 874 32	28	1	4 879 52	25	1	4 883 34	42	1	
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4 840 94	32	1	4 851 99	30	1	4 867 89	29	8	4 874 59	28	1	4 879 60	25	1	4 883 42	42	1
4 840 95	32	1	4 852 00	30	1	4 868 30	31	1	4 874 60	28	1	4 879 61	25	1	4 883 43	42	1
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4 841 05	36	1	4 852 17	31	1	4 868 40											



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