

P31 HR

HIGH CORROSION
RESISTANCE



--> CATALOGUE PAGES INSIDE

GLOBAL SPECIALIST IN ELECTRICAL AND DIGITAL
BUILDING INFRASTRUCTURES

 **legrand**[®]

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TYPES OF SITE



Commercial buildings
in coastal areas,
Category C4



Chemical industries,
Category C3/C4

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P31 HR: HIGH CORROSION RESISTANCE

THE "HR" FINISH IS DESIGNED MAINLY FOR COMMERCIAL AND INDUSTRIAL SECTORS IN ENVIRONMENTS WHERE THERE IS A HIGH RISK OF CORROSION

Corrosion is an inevitable natural phenomenon, which can vary in degree of severity, and is likely to affect the quality of metal cable trays in saline and ammonia-contaminated environments.

Compliant with the criteria of standard ISO 9223, which defines several corrosivity categories (C1 to CX) according to the typical atmospheric environmental conditions, P31 HR cable trays and accessories are able to withstand all environmental stresses.



Food processing industry (farming), Category C4



Photovoltaic installations



Road and rail tunnels, Category C3



For more information on corrosivity categories SEE THE LEGRAND CABLE TRAY TECHNICAL GUIDE

EXCELLENT PERFORMANCE

	LENGTHS	ACCESSORIES	PERFORMANCE
SALT SPRAY TESTS ACCORDING TO EN ISO 9227	HR	HR	850 hrs without appearance of red rust
CORROSION RESISTANCE CLASSIFICATION ACCORDING TO STANDARD IEC 61537	HR	HR	Class 8



The HR ("High Resistance") finish represents a trade name. It corresponds to a Zinc Magnesium surface treatment prior to continuous manufacturing using the Sendzimir process.

A COMPLETE CORROSION-RESISTANT SYSTEM

**AN ECO-FRIENDLY
RANGE THAT
COMPLIES WITH
THE REQUIREMENTS
OF THE STANDARDS**

The new HR finish is available for all system components: cable trays, couplers, risers, support structures and fixings, in order to meet needs for resistance and ensure the longevity of installations in corrosive environments.

850 hrs
SALT SPRAY

CLASS
B



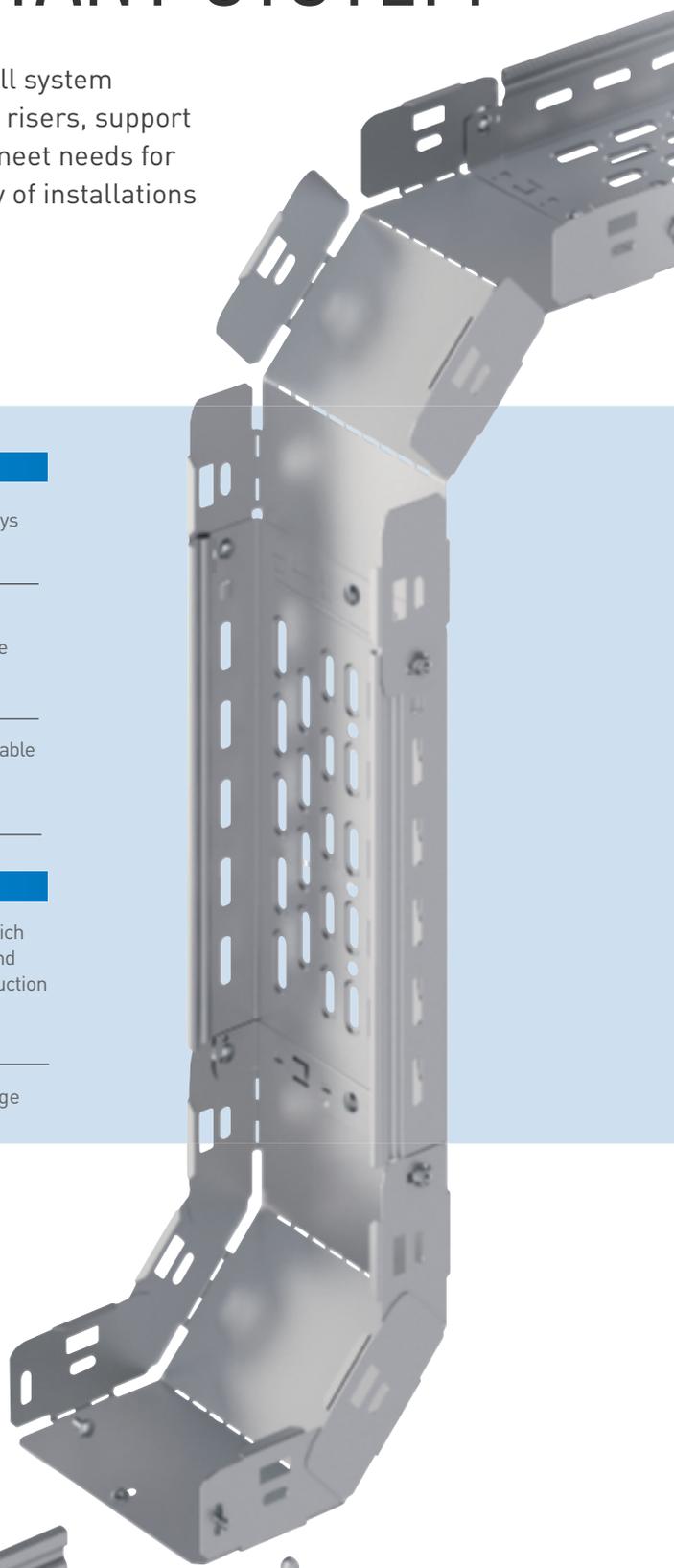
COMPLIANCE WITH STANDARDS

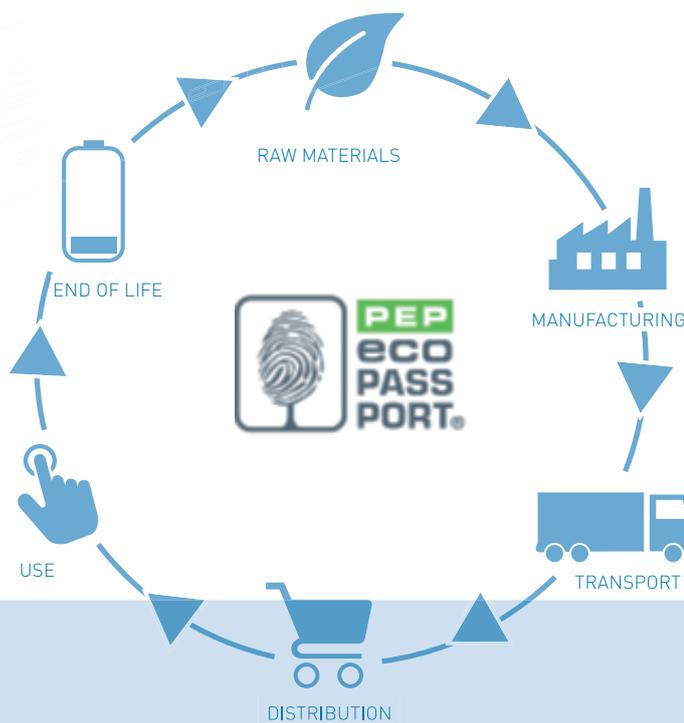
ISO 9223	Corrosion of metals and alloys Corrosivity of atmospheres
IEC 61537	Cable systems Cable tray systems and cable ladder systems
DIN 4101-12*	Maintenance of function of cable tray systems

CERTIFICATION

E 30/E 90	According to DIN 410212, which guarantees fire resistance and allows installation on construction sites such as road tunnels.
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* Only for 60 mm height range





AN ECO-FRIENDLY RANGE

The new HR finish also stands out due to its eco-friendly design which incorporates environmental criteria. Good eco-friendly design practices are adhered to in all the product life cycle phases:

- **materials** (no substances prohibited by the regulations applicable at the time of its market launch and compliance with usage restrictions on hazardous substances defined by the 2011/65/EU RoHS Directive and its Delegated directive 2015/863/EU)
- **manufacturing** (products are sent out from sites that have mostly received ISO 14001 certification)
- **distribution** (products are distributed from established warehouses to optimise logistics flows).

The packaging conforms to European directive 2004/12/EU concerning packaging and packaging waste.

At its end of life, it is 90% recyclable.

- **installation** (only standard tools are needed to install this product)
- **use** (in normal conditions of use, this product needs no servicing, maintenance nor additional products)
- **end of life** (the product is estimated to be 99% recyclable - metal materials + packaging).

NEW PACKAGING AND LABELLING

- Quick identification of finishes (coloured labels according to the finish).
- Easy checking of delivered products

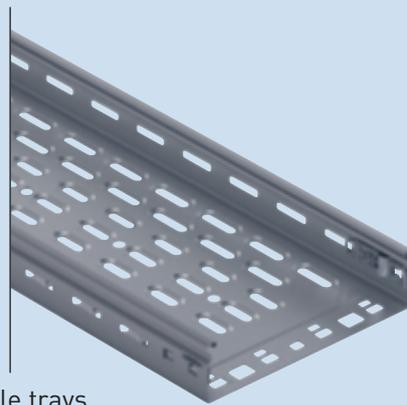


P31, THE INNOVATIVE CABLE TRAY THAT'S QUICK AND EASY TO INSTALL

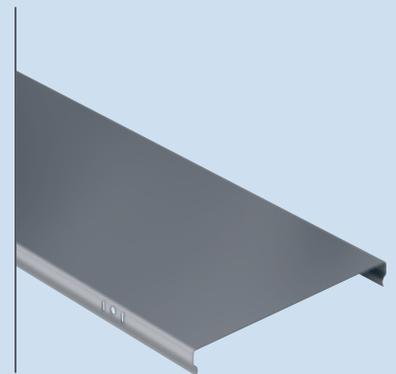
CABLE TRAYS AND ACCESSORIES THAT IMPROVE THE INSTALLATION'S FUNCTIONALITY

The HR finish benefits from all the advantages of the P31 range, such as the automatic coupler or male/female interlocking system designed to make it as easy as possible for installers to do their work and finish their sites faster.

AUTOMATIC COUPLING CABLE TRAYS



HR cable trays



HR cover



	50 mm	60 mm
	50 to 600 mm	75 to 600 mm
	0.6 to 1 mm	0.6 to 1 mm

 
Perforated or solid cable trays

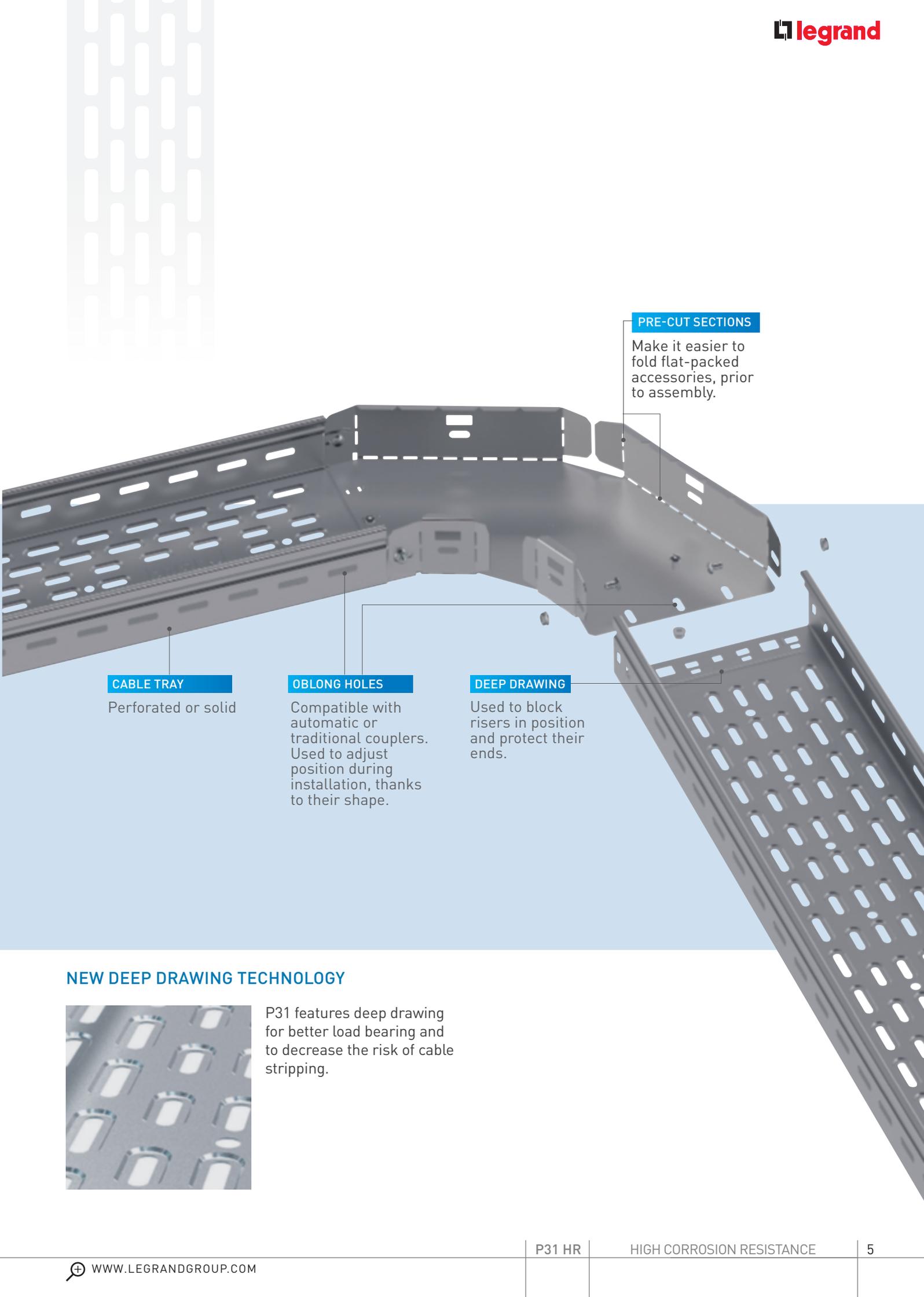
The new automatic coupler and male/female interlocking system have been designed to make it as easy as possible for installers to do their work and finish their sites faster.

AUTOMATIC COUPLER ASSOCIATED WITH THE MALE/FEMALE SYSTEM

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

- This innovative design ensures quick, safe connection in all cases.
- The automatic coupler is also designed for quick decoupling.





PRE-CUT SECTIONS

Make it easier to fold flat-packed accessories, prior to assembly.

CABLE TRAY
Perforated or solid

OBLONG HOLES
Compatible with automatic or traditional couplers. Used to adjust position during installation, thanks to their shape.

DEEP DRAWING
Used to block risers in position and protect their ends.

NEW DEEP DRAWING TECHNOLOGY



P31 features deep drawing for better load bearing and to decrease the risk of cable stripping.

ACCESSORIES FOR EASIER INSTALLATION

ACCESSORIES FOR CHANGING DIRECTION

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

All accessories for changing direction are supplied flat-packed in order to optimise space during transport or storage.

	90° BENDS	TEES	RISERS
Flat-packed accessories			
Folded accessories and covers			
Example of installation			



	50 mm	60 mm
	50 to 600 mm	75 to 600 mm



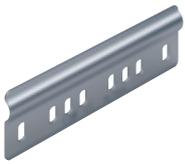
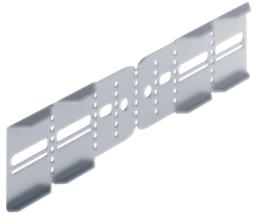
LOW IMPACT ON LOGISTICS



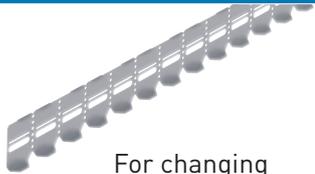
LOWER CONTRIBUTION TO GLOBAL WARMING THAN THE GC FINISH

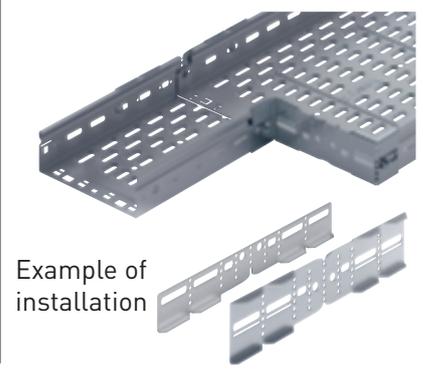
HR COUPLERS

Several coupler models are available in both heights in the range for perfect adaptation to different configurations or installation practices.

EP FLAT COUPLER	ER QUICK COUPLER	EV COUPLER	EDU COUPLER
			

HR END PIECES, DIVIDERS, ADAPTORS

END CAPS	DIVIDERS	ADAPTOR
	 <p>For lengths or accessories</p>	 <p>For changing the width</p>

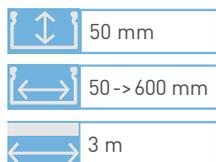



	50 mm	60 mm
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P31 - cable trays

50 mm high

P31 - automatic coupling perforated metal cable trays

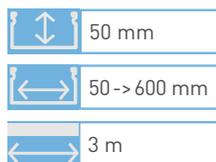


4 853 34

Fire resistant

Pack	Cat.Nos	Description	Width (mm)
	HR	3 m long	
2	4 853 30	P31 MF screw-type 3 m 50 x 50	50
2	4 853 31	P31 MF auto 3 m 50 x 75	75
2	4 853 32	P31 MF auto 3 m 50 x 100	100
2	4 853 33	P31 MF auto 3 m 50 x 150	150
2	4 853 34	P31 MF auto 3 m 50 x 200	200
2	4 853 35	P31 MF auto 3 m 50 x 300	300
2	4 853 36	P31 MF auto 3 m 50 x 400	400
2	4 853 37	P31 MF auto 3 m 50 x 500	500
2	4 853 38	P31 MF auto 3 m 50 x 600	600

P31 - automatic coupling blind metal cable trays



4 853 43

Fire resistant

Pack	Cat.Nos	Description	Width (mm)
	HR		
2	4 853 39	P31 MF screw-type 50 x 50	50
2	4 853 40	P31 MF auto 50 x 75	75
2	4 853 41	P31 MF auto 50 x 100	100
2	4 853 42	P31 MF auto 50 x 150	150
2	4 853 43	P31 MF auto 50 x 200	200
2	4 853 44	P31 MF auto 50 x 300	300
2	4 853 45	P31 MF auto 50 x 400	400
2	4 853 46	P31 MF auto 50 x 500	500
2	4 853 47	P31 MF auto 50 x 600	600

Covers



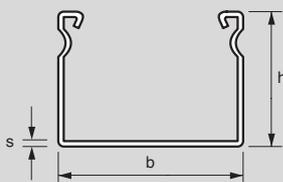
4 851 99

Pack	Cat.Nos	For P31 width:
	HR	3 m long
12	4 854 23	50
12	4 851 96	75
12	4 851 97	100
12	4 851 98	150
12	4 851 99	200
12	4 852 00	300
12	4 852 01	400
10	4 852 02	500
10	4 852 03	600

P31 - cable trays

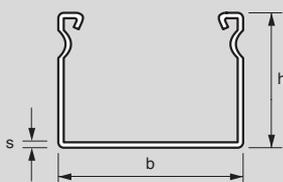
50 mm high - technical characteristics

P31 - automatic coupling perforated metal cable trays



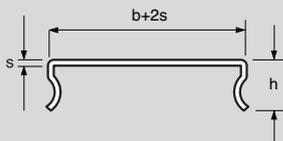
Cat.No	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm ²)	Weight (kg)
4 853 30	50	50	0.6	3000	2381	2.26
4 853 31	50	77	0.6	3000	3699	2.54
4 853 32	50	100	0.6	3000	4821	2.87
4 853 33	50	150	0.6	3000	7261	3.49
4 853 34	50	200	0.6	3000	9701	4.16
4 853 35	50	300	0.8	3000	14581	6.76
4 853 36	50	400	1	3000	19193	9.89
4 853 37	50	500	1	3000	21013	11.76
4 853 38	50	600	1	3000	28883	13.61

P31 - automatic coupling blind metal cable trays



Cat.No	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm ²)	Weight (kg)
4 853 39	50	50	0.6	3000	2381	2.50
4 853 40	50	77	0.6	3000	3699	2.88
4 853 41	50	100	0.6	3000	4821	3.21
4 853 42	50	150	0.6	3000	7261	3.93
4 853 43	50	200	0.6	3000	9701	4.64
4 853 44	50	300	0.8	3000	12776	8.14
4 853 45	50	400	1	3000	17273	12.59
4 853 46	50	500	1	3000	21611	15.01
4 853 47	50	600	1	3000	25949	17.42

Covers



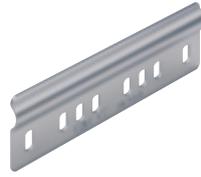
Cat.No	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Weight (kg)
4 854 23	19	50	0.6	3000	1.27
4 851 96	19	77	0.6	3000	1.66
4 851 97	19	100	0.6	3000	1.98
4 851 98	19	150	0.6	3000	2.69
4 851 99	19	200	0.6	3000	3.40
4 852 00	19	300	0.8	3000	6.41
4 852 01	19	400	0.8	3000	8.30
4 852 02	19	500	0.8	3000	10.19
4 852 03	19	600	0.8	3000	12.07

Coupling

50 mm high

Traditional coupling

50 -> 600 mm



4 852 30

Pack	Cat.Nos	Description
10	4 852 30	Flat coupler for lengths

ER coupler

50 -> 600 mm



4 852 32

Pack	Cat.Nos	Description
10	4 852 32	Flat coupler for lengths

EV coupler

50 -> 600 mm

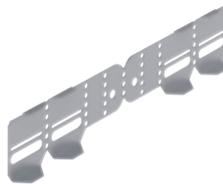


4 852 25

Pack	Cat.Nos	Description
6	4 852 25	Adjustable coupler

EDU coupler

50 -> 600 mm



4 852 24

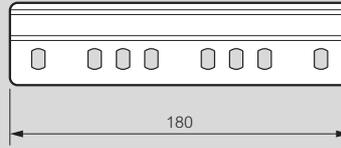
Pack	Cat.Nos	Description
8	4 852 24	EDU coupler

Coupling

50 mm high - technical characteristics

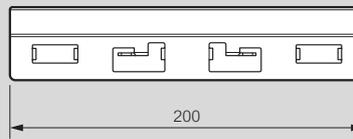
■ Dimensions and weights

Flat coupler for lengths



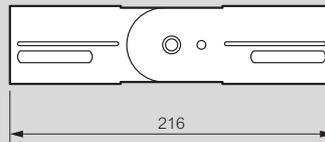
Cat.No	Weight (kg)
4 852 30	0.10

ER coupler



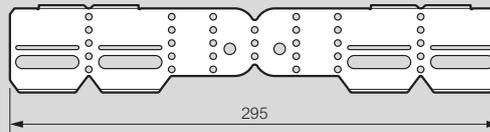
Cat.No	Weight (kg)
4 852 32	0.10

EV coupler



Cat.No	Weight (kg)
4 852 25	0.11

EDU coupler

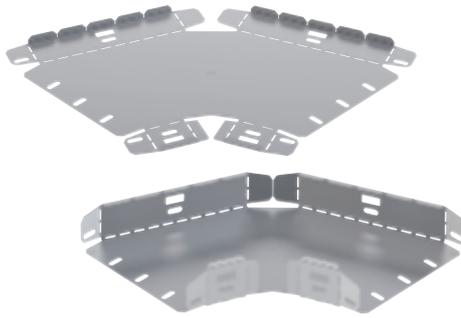


Cat.No	Weight (kg)
4 852 24	0.13

90° bends and covers

50 mm high

90° bends



4 853 77

Pack	Cat.Nos	For P31 width:
	HR	Flat-packed
1	4 853 73	50
1	4 853 74	75
1	4 853 75	100
1	4 853 76	150
1	4 853 77	200
1	4 853 78	300
2	4 853 79	400
2	4 853 80	500
1	4 853 81	600

Covers for 90° bends



4 852 15

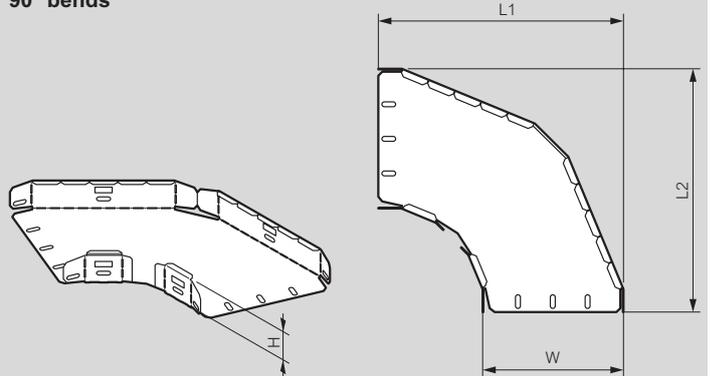
Pack	Cat.Nos	For P31 width:
	HR	
1	4 852 20	50
1	4 852 12	75
1	4 852 13	100
1	4 852 14	150
1	4 852 15	200
1	4 852 16	300
1	4 852 17	400
1	4 852 18	500
1	4 852 19	600

90° bends and covers

50 mm high - technical characteristics

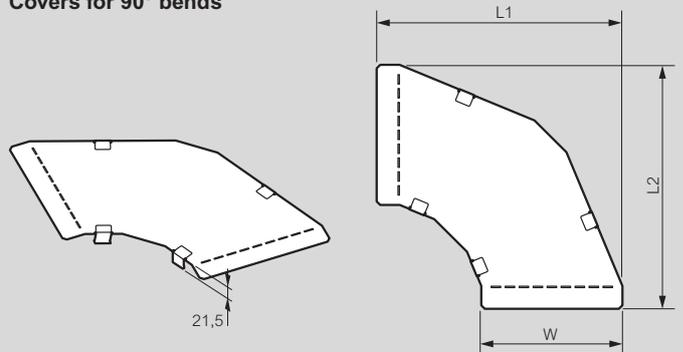
Dimensions and weights

90° bends



Cat.No	H (mm)	L1 (mm)	L2 (mm)	W (mm)	Weight (kg)
4 853 73	50	202	202	52	0.22
4 853 74	50	229	229	79	0.29
4 853 75	50	252	252	102	0.35
4 853 76	50	302	302	152	0.50
4 853 77	50	352	352	202	0.68
4 853 78	50	452	452	302	1.09
4 853 79	50	552	552	402	1.61
4 853 80	50	652	652	502	2.20
4 853 81	50	752	752	602	2.87

Covers for 90° bends



Cat.No	L1 (mm)	L2 (mm)	W (mm)	Weight (kg)
4 852 20	202	202	52	0.11
4 852 12	229	229	79	0.16
4 852 13	252	252	102	0.21
4 852 14	302	302	152	0.34
4 852 15	352	352	202	0.49
4 852 16	452	452	302	0.86
4 852 17	552	552	402	1.33
4 852 18	652	652	502	1.88
4 852 19	752	752	602	2.55

Tees and covers

50 mm high

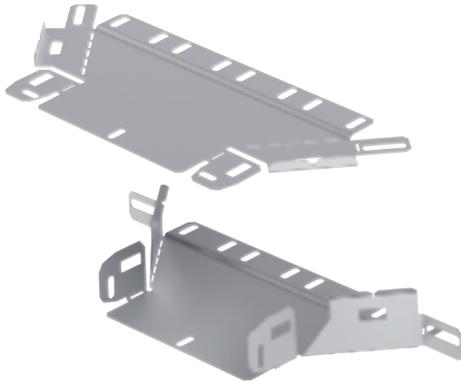
Tees



50 mm



50 -> 600 mm



4 853 86

Pack Cat.Nos For P31 width:

Pack	Cat.Nos	For P31 width:
	HR	Flat-packed
1	4 853 82	50
1	4 853 83	75
1	4 853 84	100
1	4 853 85	150
1	4 853 86	200
1	4 853 87	300
2	4 853 88	400
2	4 853 89	500
2	4 853 90	600

Covers for tees



50 -> 600 mm



4 852 77

Pack Cat.Nos For P31 width:

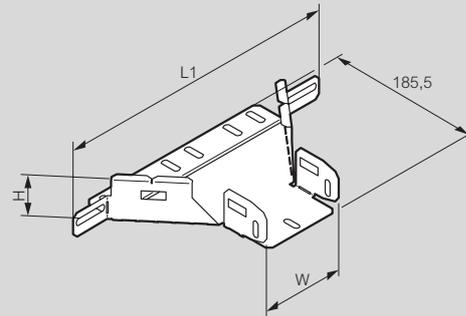
Pack	Cat.Nos	For P31 width:
	HR	
1	4 852 21	50
1	4 852 74	75
1	4 852 75	100
1	4 852 76	150
1	4 852 77	200
1	4 852 78	300
1	4 852 79	400
2	4 852 80	500
2	4 852 81	600

Tees and covers

50 mm high - technical characteristics

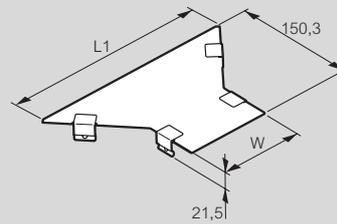
■ Dimensions and weights

Tees



Cat.No	H (mm)	L1 (mm)	W (mm)	Weight (kg)
4 853 82	50	297	52	2.3
4 853 83	50	324	79	2.6
4 853 84	50	347	102	2.8
4 853 85	50	397	152	3.4
4 853 86	50	447	202	4.0
4 853 87	50	547	302	5.1
4 853 88	50	647	402	6.3
4 853 89	50	747	502	7.4
4 853 90	50	847	602	8.6

Covers for tees

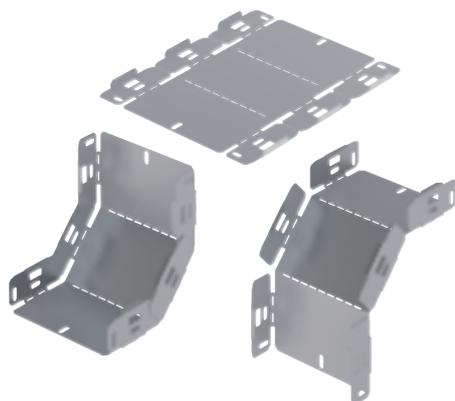


Cat.No	L1 (mm)	W (mm)	Weight (kg)
4 852 21	197	52	0.11
4 852 74	224	79	0.16
4 852 75	247	102	0.21
4 852 76	297	152	0.34
4 852 77	347	202	0.49
4 852 78	447	302	0.86
4 852 79	547	402	1.33
4 852 80	647	502	1.88
4 852 81	747	602	2.55

Foldable risers

50 mm high

Foldable risers (concave or convex)



4 852 38

Pack Cat.Nos For P31 width:

Pack	Cat.Nos	For P31 width:
	HR	Flat-packed
1	4 852 34	50
1	4 852 35	75
1	4 852 36	100
1	4 852 37	150
1	4 852 38	200
1	4 852 39	300
2	4 852 40	400
2	4 852 41	500
2	4 852 42	600

Covers for foldable risers



4 853 09

Pack Cat.Nos For P31 width:

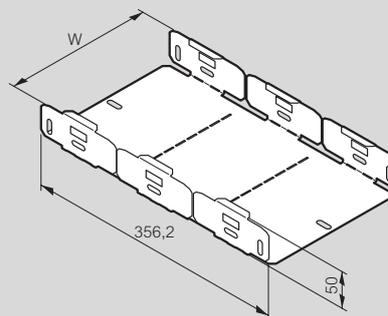
Pack	Cat.Nos	For P31 width:
	HR	
1	4 853 22	50
1	4 853 06	75
1	4 853 07	100
1	4 853 08	150
1	4 853 09	200
1	4 853 10	300
2	4 853 11	400
2	4 853 12	500
2	4 853 13	600

Foldable risers

50 mm high - technical characteristics

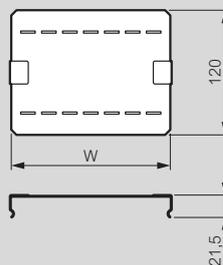
Dimensions and weights

Foldable risers



Cat.No	W (mm)	Weight (kg)
4 852 34	54	0.30
4 852 35	81	0.36
4 852 36	104	0.41
4 852 37	154	0.52
4 852 38	204	0.63
4 852 39	204	0.86
4 852 40	404	1.08
4 852 41	504	1.30
4 852 42	604	1.53

Covers for foldable risers



Cat.No	W (mm)	Weight (kg)
4 853 22	52	0.05
4 853 06	79	0.07
4 853 07	102	0.09
4 853 08	152	0.12
4 853 09	202	0.16
4 853 10	302	0.23
4 853 11	402	0.32
4 853 12	502	0.39
4 853 13	602	0.47

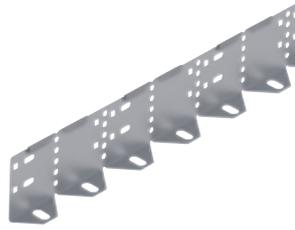
Accessories

50 mm high

Divider for accessories

50 -> 600 mm

1 m



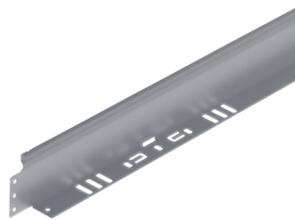
4 850 03

Pack	Cat.Nos	Description
4	4 850 03	Divider for accessories, 1 m

Divider

50 -> 600 mm

3 m



4 850 02

Pack	Cat.Nos	Description
4	4 850 02	Bracket type divider, 3 m

Protective end covers

50 -> 600 mm



4 811 62



5 223 54

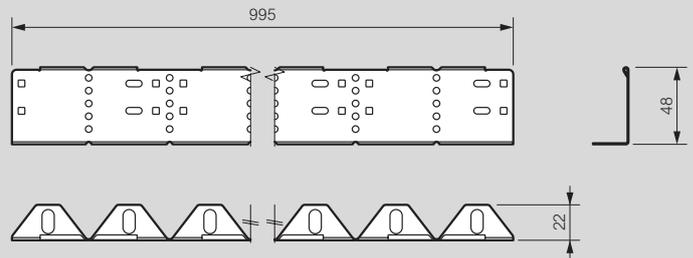
Pack	Cat.Nos	Description
1	5 223 54	Protective end cover (bag of 5 pieces)
10	4 811 62	Protective end cover for divider

Accessories

50 mm high - technical characteristics

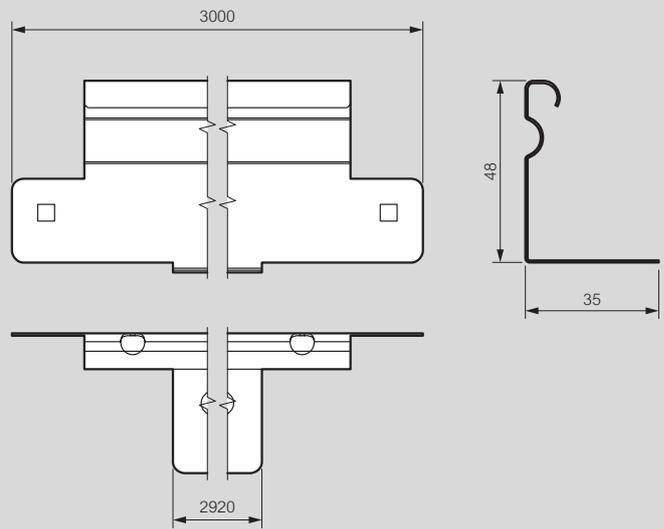
Dimensions and weights

Divider for accessories



Cat.No	Thickness (mm)	Weight (kg)
4 850 03	0.60	0.27

Divider



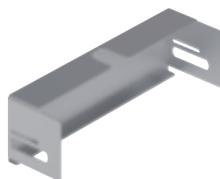
Cat.No	Thickness (mm)	Weight (kg)
4 855 29	0.6	1.37

Accessories

50 mm high (continued)

End caps

50 -> 600 mm

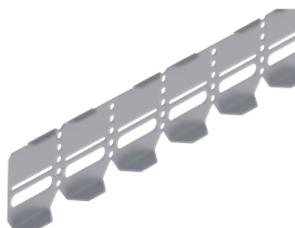


4 850 09

Pack	Cat.Nos	For P31 width:
	HR	
2	4 850 05	50
2	4 850 06	75
2	4 850 07	100
2	4 850 08	150
2	4 850 09	200
2	4 850 11	300
2	4 850 12	400
2	4 850 24	500
2	4 850 25	600

Adaptor for change of width

400 -> 600 mm



4 850 34

Pack	Cat.Nos	Description
	HR	
4	4 850 34	Adaptor for change of width for P31 400 to 600 mm wide

Screws



4 850 35

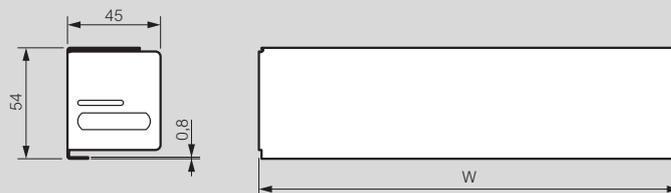
Pack	Cat.Nos	Description
	ZnNi	
50	4 850 35	M6 screw x 12

Accessories

50 mm high - technical characteristics (continued)

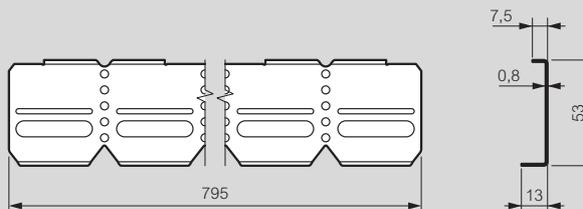
Dimensions and weights

End closers



Cat.No	W (mm)	Weight (kg)
4 850 05	54	0.05
4 850 06	82	0.06
4 850 07	104	0.08
4 850 08	152	0.10
4 850 09	204	0.13
4 850 11	304	0.19
4 850 12	404	0.31
4 850 24	504	0.38
4 850 25	604	0.46

Adaptor for change of width



Cat.No	Weight (kg)
4 850 34	0.24

P31 - cable trays

60 mm high

P31 - automatic coupling perforated metal cable trays

	60 mm
	75 -> 600 mm
	3 m



4 853 51

Fire resistant

Pack	Cat.Nos	Description	Width (mm)
		3 m long	
2	4 853 48	P31 MF auto 3 m 60 x 75	75
2	4 853 49	P31 MF auto 3 m 60 x 100	100
2	4 853 50	P31 MF auto 3 m 60 x 150	150
2	4 853 51	P31 MF auto 3 m 60 x 200	200
2	4 853 52	P31 MF auto 3 m 60 x 300	300
2	4 853 53	P31 MF auto 3 m 60 x 400	400
2	4 853 54	P31 MF auto 3 m 60 x 500	500
2	4 853 55	P31 MF auto 3 m 60 x 600	600

P31 - automatic coupling blind metal cable trays

	60 mm
	75 -> 600 mm
	3 m



4 853 59

Fire resistant

Pack	Cat.Nos	Description	Width (mm)
2	4 853 56	P31 MF auto 60 x 75	75
2	4 853 57	P31 MF auto 60 x 100	100
2	4 853 58	P31 MF auto 60 x 150	150
2	4 853 59	P31 MF auto 60 x 200	200
2	4 853 60	P31 MF auto 60 x 300	300
2	4 853 61	P31 MF auto 60 x 400	400
2	4 853 62	P31 MF auto 60 x 500	500
2	4 853 63	P31 MF auto 60 x 600	600

Covers

	3 m
	75 -> 600 mm



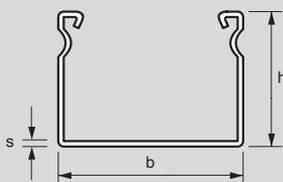
4 851 99

Pack	Cat.Nos	For P31 width:
		3 m long
12	4 851 96	75
12	4 851 97	100
12	4 851 98	150
12	4 851 99	200
12	4 852 00	300
12	4 852 01	400
10	4 852 02	500
10	4 852 03	600

P31 - cable trays

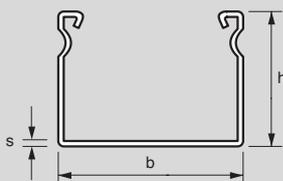
60 mm high - technical characteristics

P31 - automatic coupling perforated metal cable trays



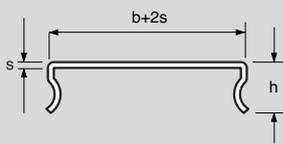
Cat.No	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm ²)	Weight (kg)
4 853 48	60	77	0.6	3000	4333	2.87
4 853 49	60	100	0.6	3000	5667	3.20
4 853 50	60	150	0.6	3000	8567	3.84
4 853 51	60	200	0.6	3000	11467	4.51
4 853 52	60	300	0.8	3000	16187	7.71
4 853 53	60	400	1	3000	20728	11.65
4 853 54	60	500	1	3000	25948	13.77
4 853 55	60	600	1	3000	31168	15.89

P31 - automatic coupling blind metal cable trays



Cat.No	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Capacity (mm ²)	Weight (kg)
4 853 56	60	77	0.6	3000	4333	3.22
4 853 57	60	100	0.6	3000	5667	3.55
4 853 58	60	150	0.6	3000	8567	4.28
4 853 59	60	200	0.6	3000	11467	5.00
4 853 60	60	300	0.8	3000	16187	8.60
4 853 61	60	400	1	3000	20728	13.07
4 853 62	60	500	1	3000	25948	15.49
4 853 63	60	600	1	3000	31168	17.91

Covers



Cat.No	h (mm)	b (mm)	s nominal (mm)	Length (mm)	Weight (kg)
4 851 96	19	77	0.6	3000	1.66
4 851 97	19	100	0.6	3000	1.98
4 851 98	19	150	0.6	3000	2.69
4 851 99	19	200	0.6	3000	3.40
4 852 00	19	300	0.8	3000	6.41
4 852 01	19	400	0.8	3000	8.30
4 852 02	19	500	0.8	3000	10.19
4 852 03	19	600	0.8	3000	12.07

Coupling

60 mm high

Traditional coupling

75 -> 600 mm



4 852 30

Pack	Cat.Nos	Description
10	4 852 30	Flat coupler for lengths

ER coupler

75 -> 600 mm



4 852 32

Pack	Cat.Nos	Description
10	4 852 32	Flat coupler for lengths

EV coupler

75 -> 600 mm

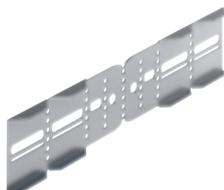


4 852 27

Pack	Cat.Nos	Description
6	4 852 27	Adjustable coupler

EDU coupler

75 -> 600 mm



4 852 26

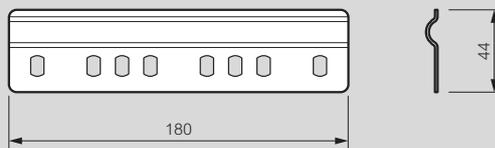
Pack	Cat.Nos	Description
8	4 852 26	EDU coupler

Coupling

60 mm high - technical characteristics

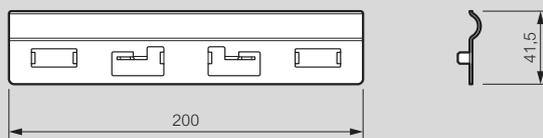
■ Dimensions and weights

Flat coupler for lengths



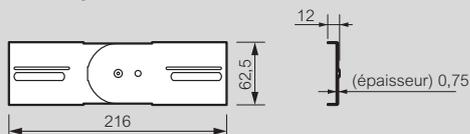
Cat.No	Weight (kg)
4 852 30	0.10

ER coupler



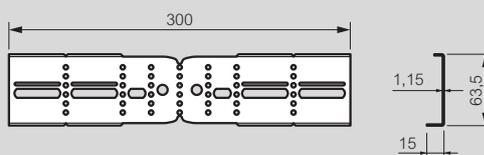
Cat.No	Weight (kg)
4 852 32	0.10

EV coupler



Cat.No	Weight (kg)
4 852 27	0.11

EDU coupler



Cat.No	Weight (kg)
4 852 26	0.13

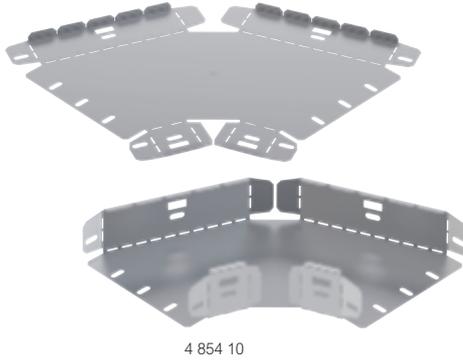
90° bends and covers

60 mm high

90° bends

60 mm

75 -> 600 mm



4 854 10

Pack	Cat.Nos	For P31 width:
	HR	Flat-packed
1	4 854 07	75
1	4 854 08	100
1	4 854 09	150
1	4 854 10	200
1	4 854 11	300
2	4 854 12	400
2	4 854 13	500
2	4 854 14	600

Covers for 90° bends

75 -> 600 mm



4 852 15

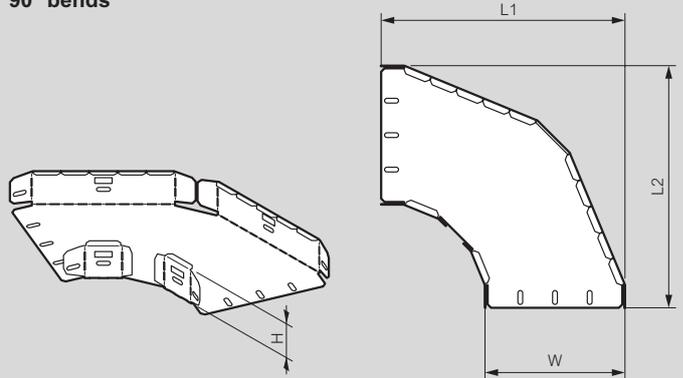
Pack	Cat.Nos	For P31 width:
	HR	
1	4 852 12	75
1	4 852 13	100
1	4 852 14	150
1	4 852 15	200
1	4 852 16	300
1	4 852 17	400
1	4 852 18	500
1	4 852 19	600

90° bends and covers

60 mm high - technical characteristics

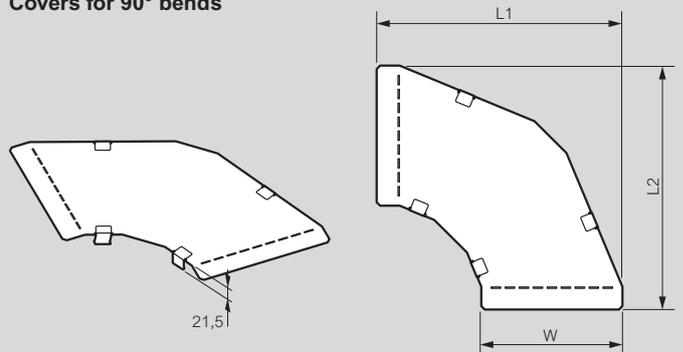
■ Dimensions and weights

90° bends



Cat.No	H (mm)	L1 (mm)	L2 (mm)	W (mm)	Weight (kg)
4 854 07	60	229	229	79	0.32
4 854 08	60	252	252	102	0.39
4 854 09	60	302	302	152	0.54
4 854 10	60	352	352	202	0.73
4 854 11	60	452	452	302	1.15
4 854 12	60	552	552	402	1.68
4 854 13	60	652	652	502	2.29
4 854 14	60	752	752	602	2.98

Covers for 90° bends



Cat.No	L1 (mm)	L2 (mm)	W (mm)	Weight (kg)
4 852 12	229	229	79	0.16
4 852 13	252	252	102	0.21
4 852 14	302	302	152	0.34
4 852 15	352	352	202	0.49
4 852 16	452	452	302	0.86
4 852 17	552	552	402	1.33
4 852 18	652	652	502	1.88
4 852 19	752	752	602	2.55

Tees and covers

60 mm high

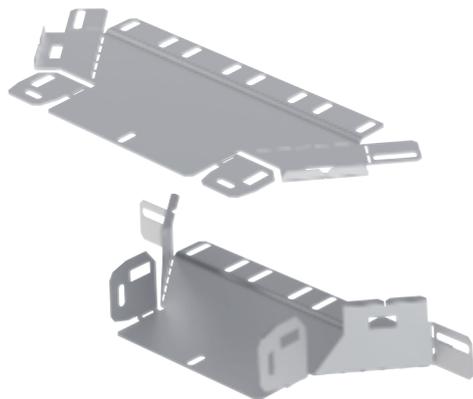
Tees



60 mm



75 -> 600 mm



4 854 18

Pack	Cat.Nos	For P31 width:
	HR	Flat-packed
1	4 854 15	75
1	4 854 16	100
1	4 854 17	150
1	4 854 18	200
1	4 854 19	300
2	4 854 20	400
2	4 854 21	500
2	4 854 22	600

Covers for tees



75 -> 600 mm



4 852 77

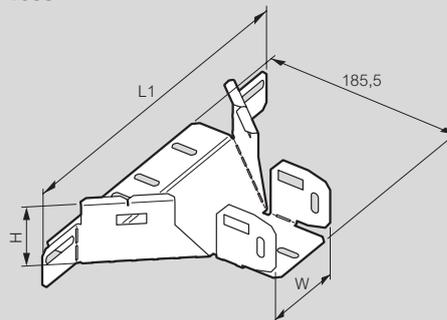
Pack	Cat.Nos	For P31 width:
	HR	
1	4 852 74	75
1	4 852 75	100
1	4 852 76	150
1	4 852 77	200
1	4 852 78	300
1	4 852 79	400
2	4 852 80	500
2	4 852 81	600

Tees and covers

60 mm high - technical characteristics

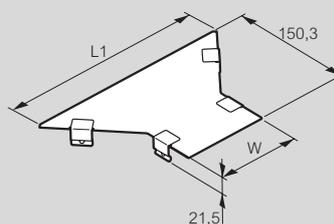
■ Dimensions and weights

Tees



Cat.No	H (mm)	L1 (mm)	W (mm)	Weight (kg)
4 854 15	60	323	81	2.8
4 854 16	60	346	104	3.0
4 854 17	60	396	154	3.6
4 854 18	60	446	204	4.2
4 854 19	60	546	304	5.3
4 854 20	60	646	404	6.5
4 854 21	60	746	504	7.7
4 854 22	60	846	604	8.8

Covers for tees



Cat.No	L1 (mm)	W (mm)	Weight (kg)
4 852 74	224	79	0.16
4 852 75	247	102	0.21
4 852 76	297	152	0.34
4 852 77	347	202	0.49
4 852 78	447	302	0.86
4 852 79	547	402	1.33
4 852 80	647	502	1.88
4 852 81	747	602	2.55

Foldable risers

60 mm high

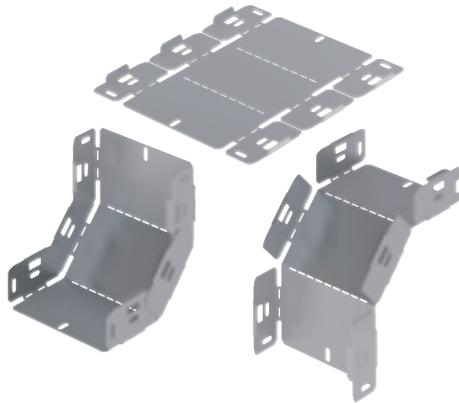
Foldable risers (concave or convex)



60 mm



75 -> 400 mm



4 853 94

Pack	Cat.Nos	For P31 width:
	HR	Flat-packed
1	4 853 91	75
1	4 853 92	100
1	4 853 93	150
1	4 853 94	200
1	4 853 95	300
2	4 853 96	400
2	4 853 97	500
2	4 853 98	600

Covers for foldable risers



75 -> 400 mm



4 853 09

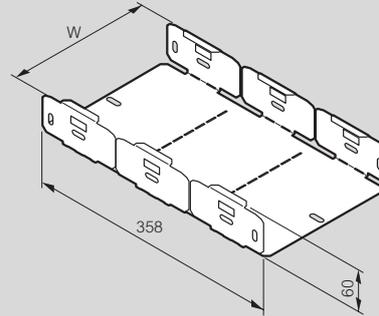
Pack	Cat.Nos	For P31 width:
	HR	
1	4 853 06	75
1	4 853 07	100
1	4 853 08	150
1	4 853 09	200
1	4 853 10	300
2	4 853 11	400
2	4 853 12	500
2	4 853 13	600

Foldable risers

60 mm high - technical characteristics

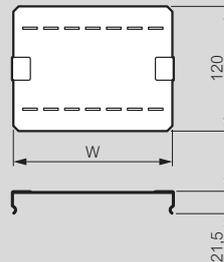
■ Dimensions and weights

Foldable risers



Cat.No	W (mm)	Weight (kg)
4 853 91	81	0.41
4 853 92	104	0.46
4 853 93	154	0.57
4 853 94	204	0.69
4 853 95	204	0.91
4 853 96	404	1.13
4 853 97	504	1.36
4 853 98	604	1.58

Covers for foldable risers



Cat.No	W (mm)	Weight (kg)
4 853 06	79	0.07
4 853 07	102	0.09
4 853 08	152	0.12
4 853 09	202	0.16
4 853 10	302	0.23
4 853 11	402	0.32
4 853 12	502	0.39
4 853 13	602	0.47

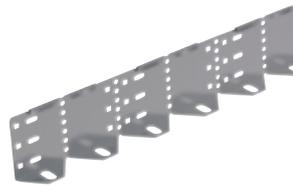
Accessories

60 mm high

Divider for accessories

75 -> 600 mm

1 m



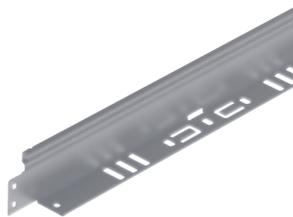
4 850 04

Pack	Cat.Nos	Description
4	4 850 04	Divider for accessories, 1 m

Divider

75 -> 600 mm

3 m



4 855 29

Pack	Cat.Nos	Description
1	4 855 29	Bracket type divider, 3 m

Protective end covers

75 -> 600 mm



4 811 62



5 223 54

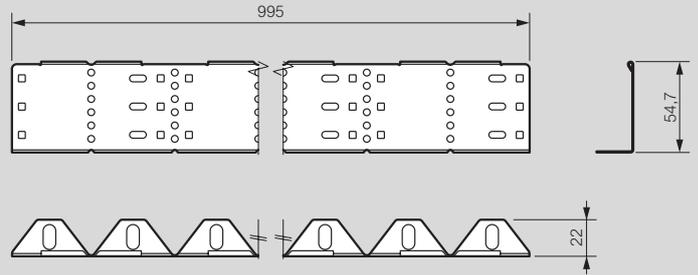
Pack	Cat.Nos	Description
1	5 223 54	Protective end cover (bag of 5 pieces)
10	4 811 62	Protective end cover for divider

Accessories

60 mm high - technical characteristics

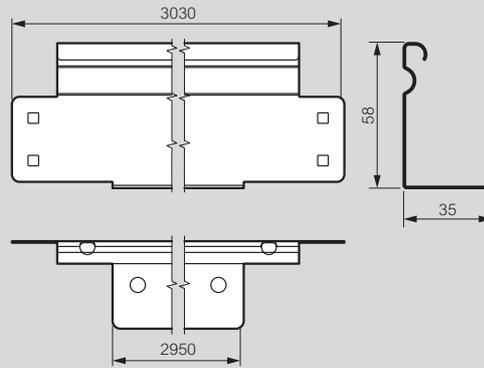
Dimensions and weights

Divider for accessories



Cat.No	Thickness (mm)	Weight (kg)
4 850 04	0.60	0.32

Divider



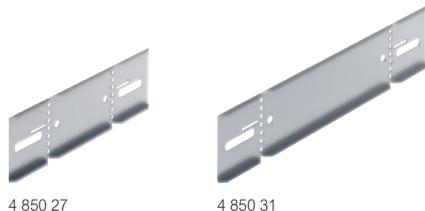
Cat.No	Thickness (mm)	Weight (kg)
4 855 29	0.6	1.50

Accessories

60 mm high (continued)

End closers

75 -> 300 mm



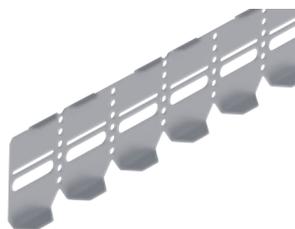
4 850 27

4 850 31

Pack	Cat.Nos	For P31 width:
	HR	
2	4 850 26	75
2	4 850 27	100
2	4 850 30	150
2	4 850 31	200
2	4 850 32	300

Adaptor for change of width

400 -> 600 mm



4 850 33

Pack	Cat.Nos	Description
	HR	
4	4 850 33	Adaptor for change of width for P31 400 to 600 mm wide

Screws



4 850 35

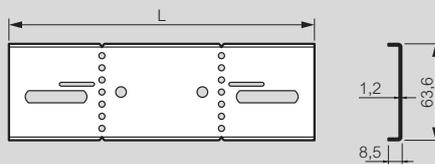
Pack	Cat.Nos	Description
	ZnNi	
50	4 850 35	M6 screw x 12

Accessories

60 mm high (continued) - technical characteristics

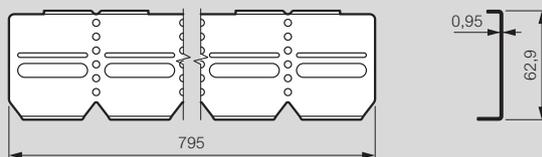
Dimensions and weights

End closers



Cat.No	W (mm)	Weight (kg)
4 850 26	200	0.14
4 850 27	223	0.16
4 850 30	273	0.19
4 850 31	323	0.23
4 850 32	423	0.31

Adaptor for change of width



Cat.No	Weight (kg)
4 850 33	0.36



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