



Slotted trunking **77**
in **U23X**

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For cable conduction in electrical and communications cabinets

- Higher safety for the installation assured by the trunking's sturdiness.
- The cover is easy to mount and remove.
- The cover will stay in place and will not slip in any mounting position.
- No cutting tips or edges.
- Possibility to cut until the base for better branching.

Raw material

U23X Trunking
U24X Retainers

Compliant 

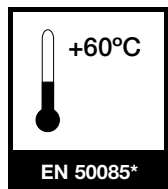
Safety

Electrical

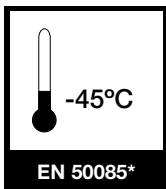


- Insulating
- No earthing required

Maximum service temperature



Minimum transport and storage temperature



In front of fire



- Glow-fire test at **960°C**
- Non-flame propagator
- Reaction to fire, Class **M1** acc/ UNE 23727

Flammability degree UL94: V0

- Does not spread fire by dripping

Quality marks



Approvals



Conformity declaration



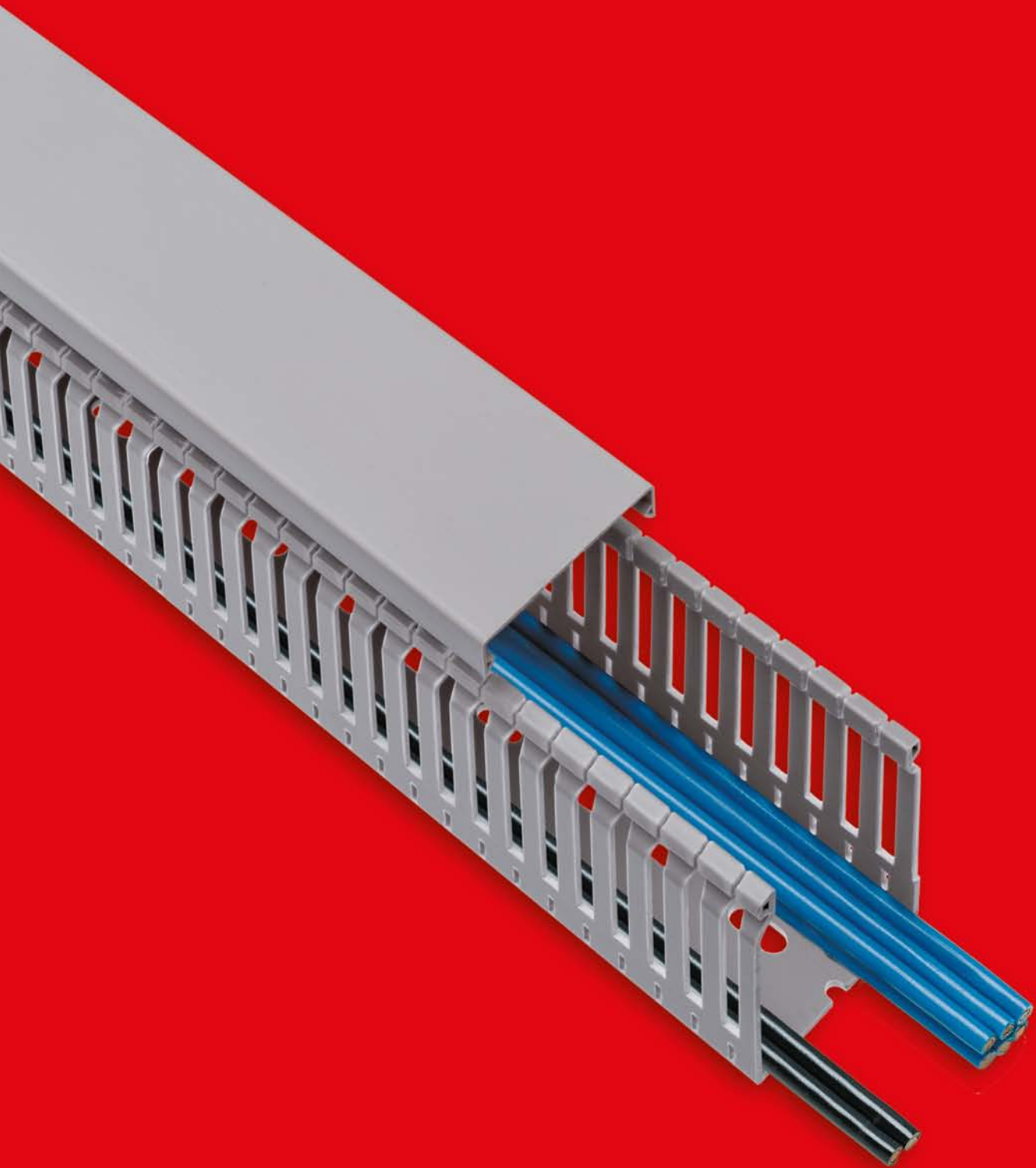
Trunking **77** ▶

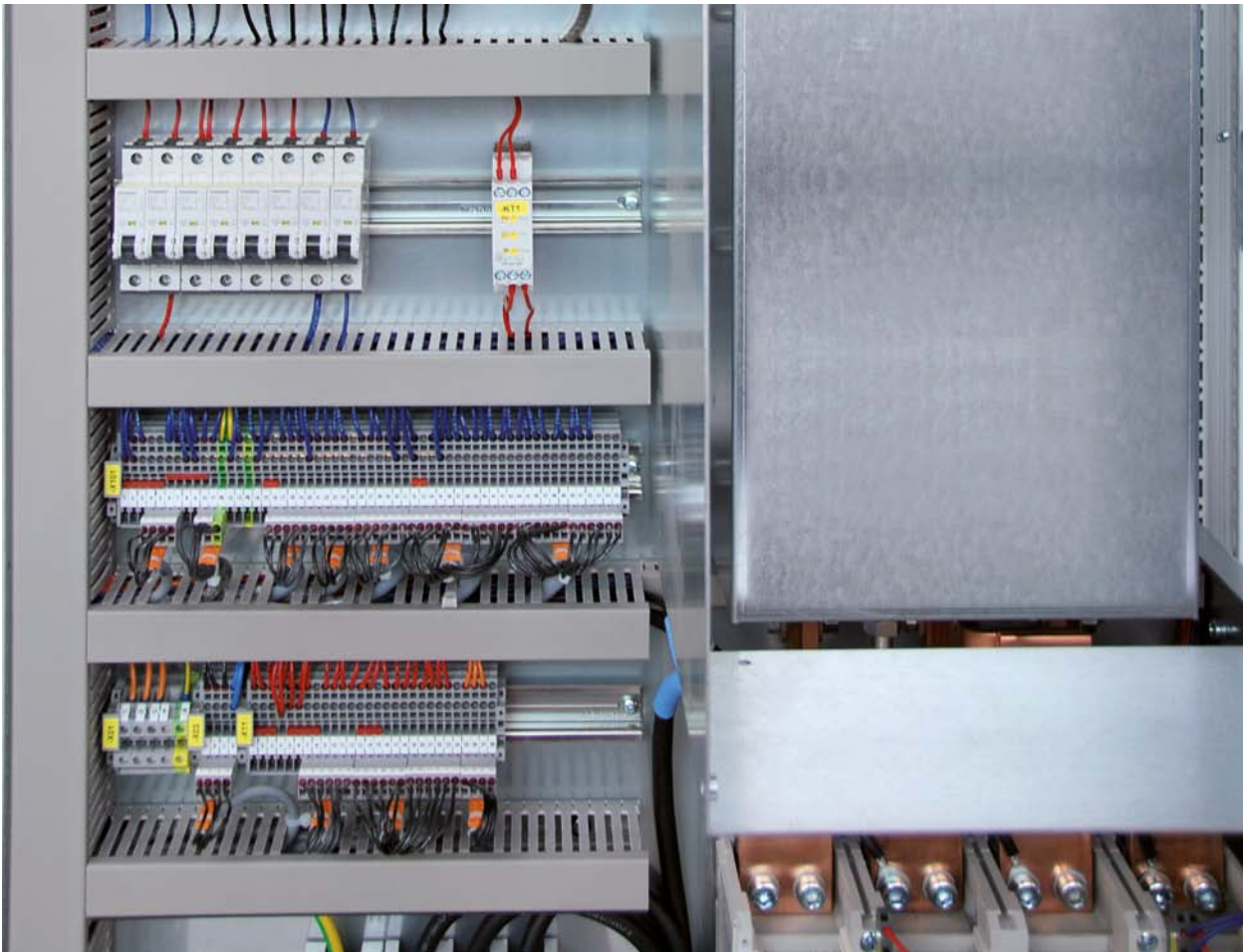
Length: 2 m

■ Grey RAL 7030

See updated information of each part number on www.unex.net

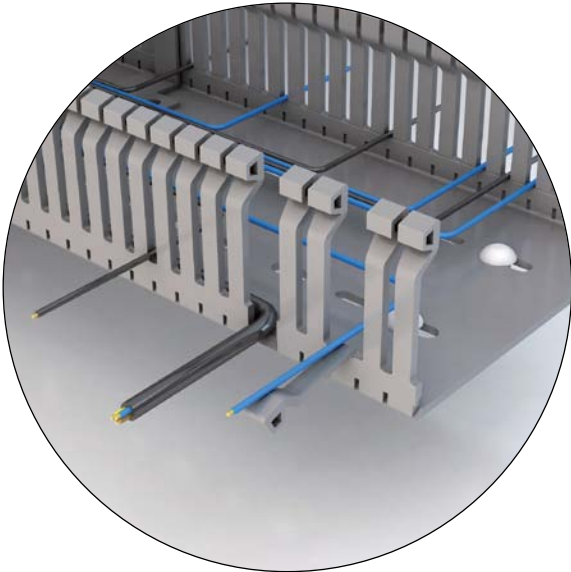
* BS EN 50085-1 is the UK implementation of EN 50085-1.
 BS EN 50085-2-3 is the UK implementation of EN 50085-2-3.



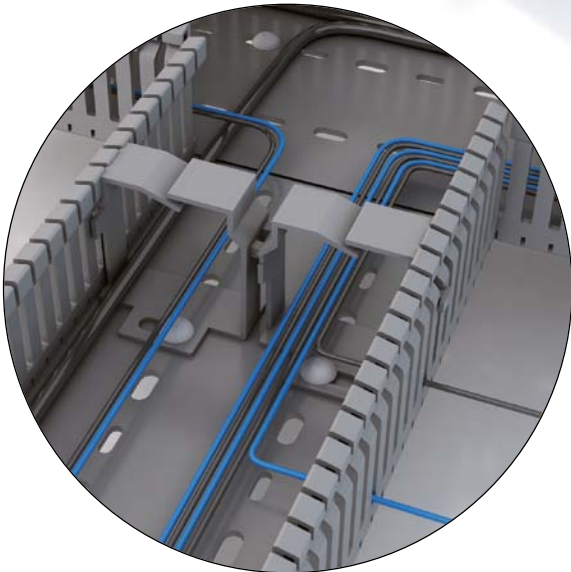
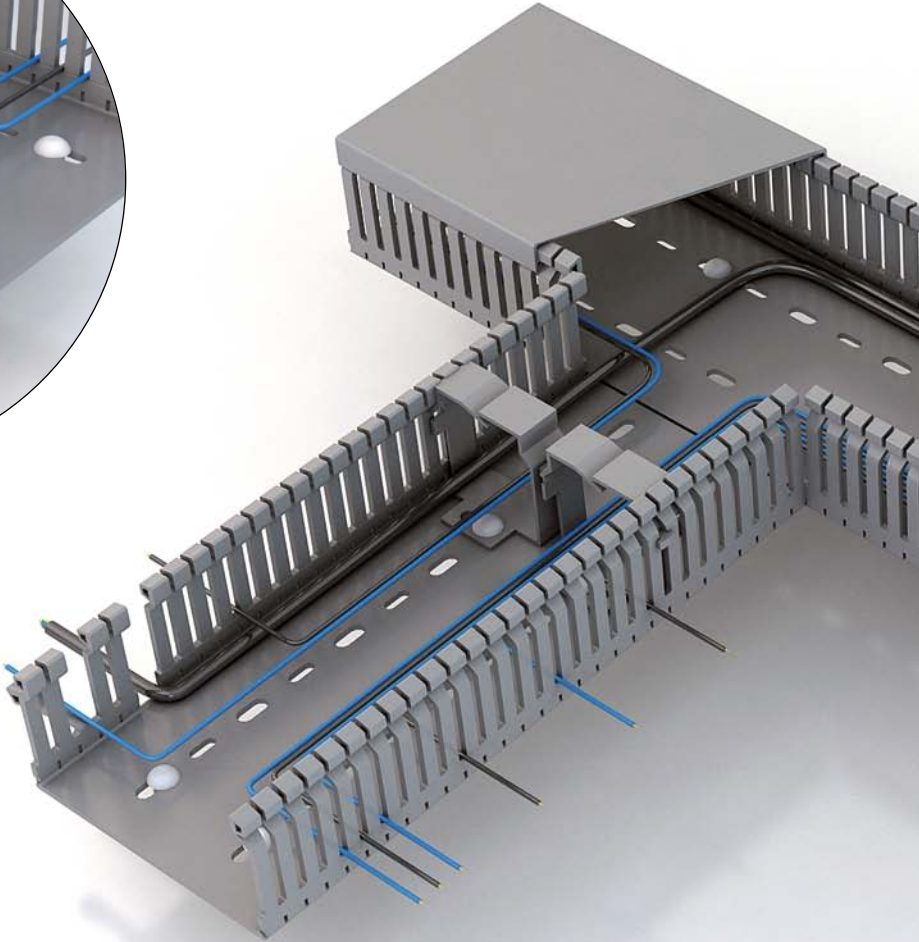




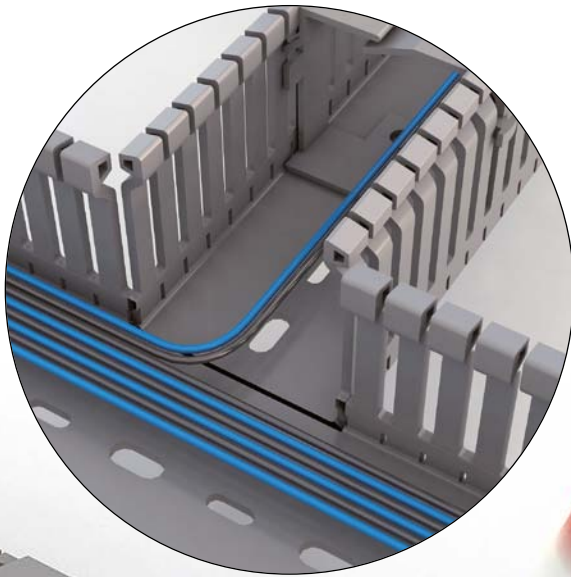
Easy mounting and maintenance



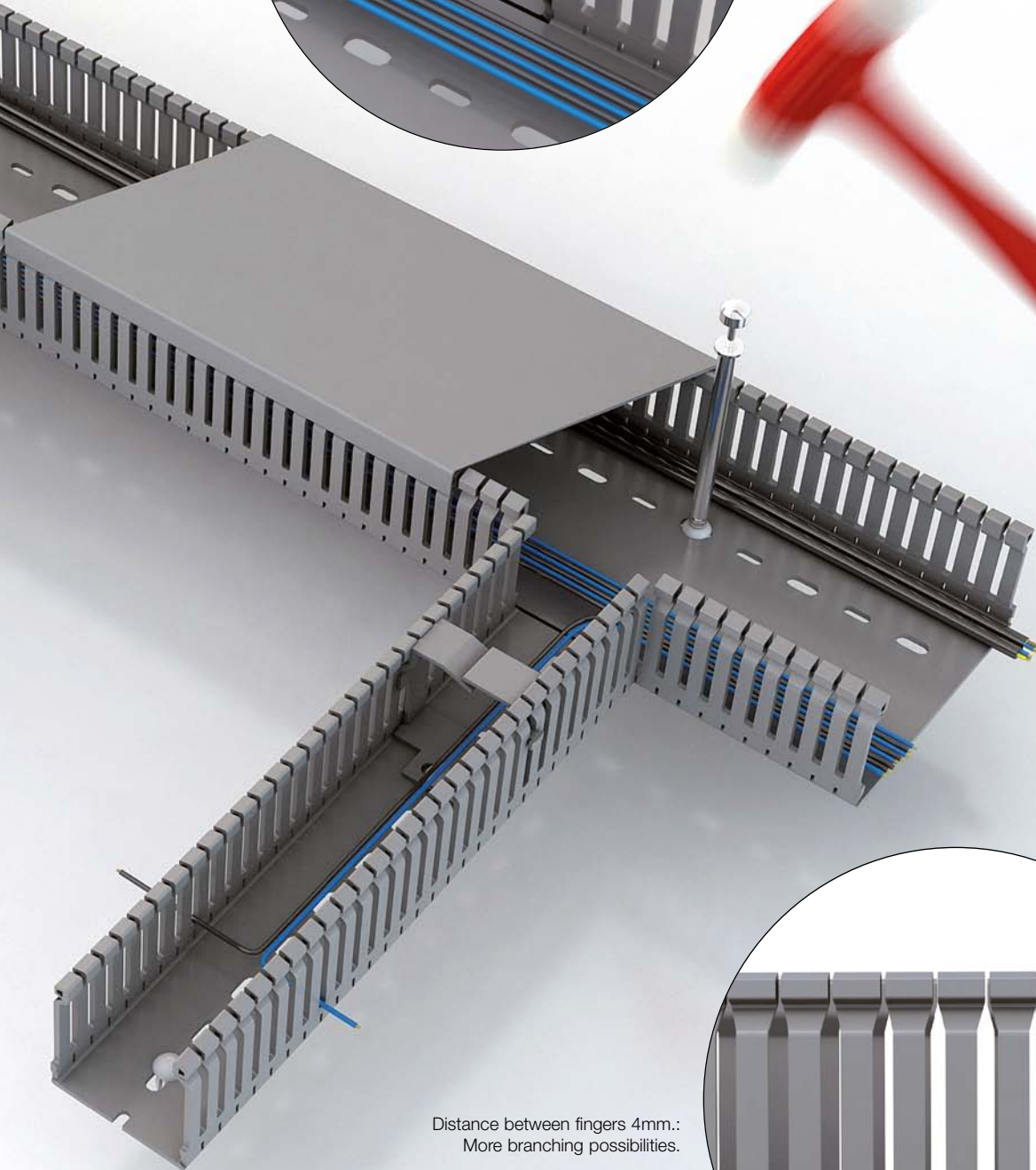
Flexible and resistant fingers, which do not break accidentally.



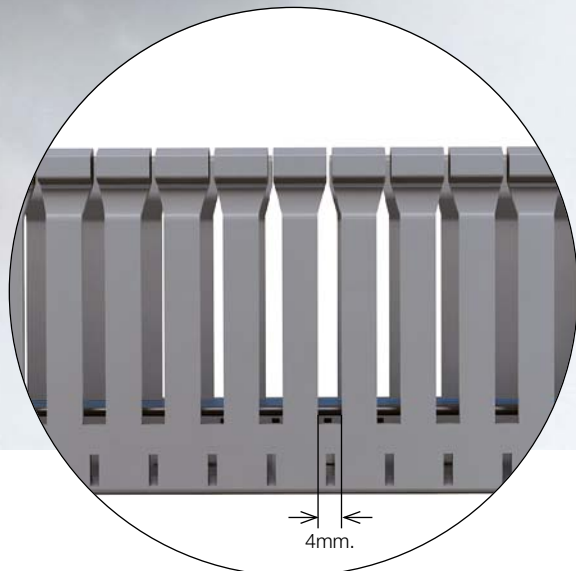
Rigid cable retainer: avoids deformations and allows circuit classification.



Clean cut of the sidewall to the base: Maximum branching room and cross-section. Quicker mounting and easier cable connections.



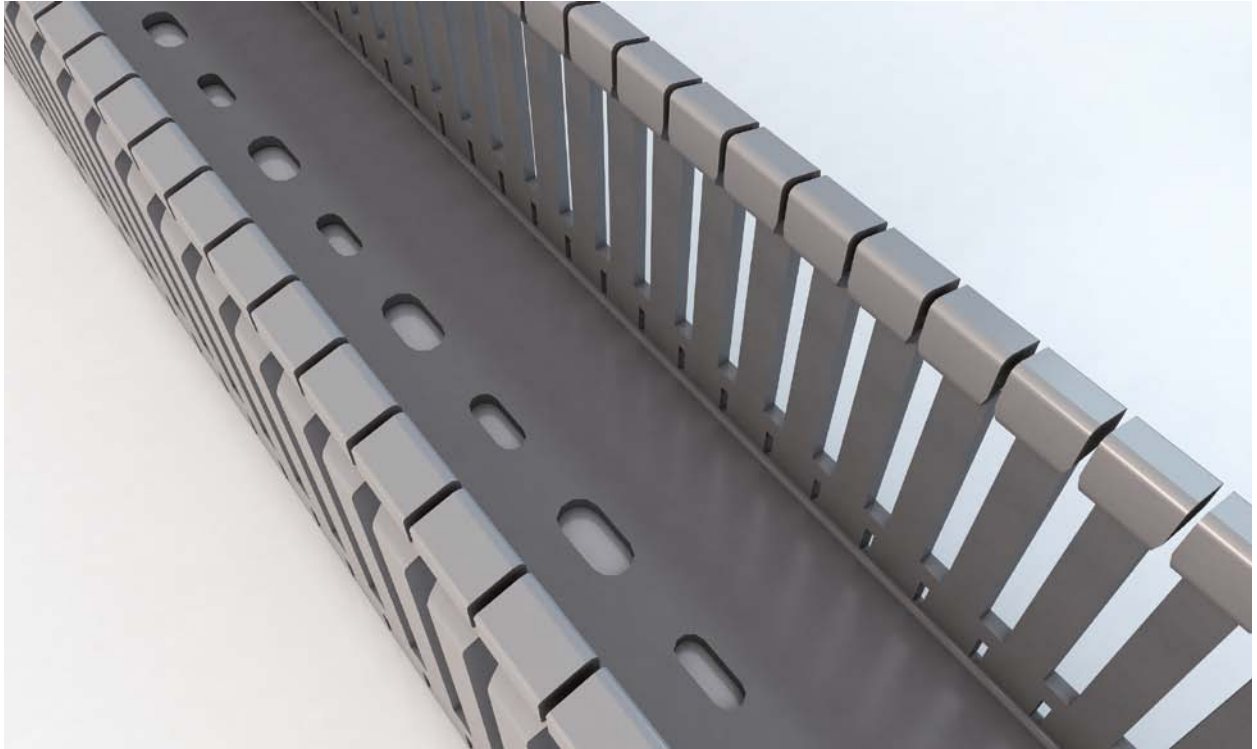
Distance between fingers 4mm.:
More branching possibilities.



A product with added-value

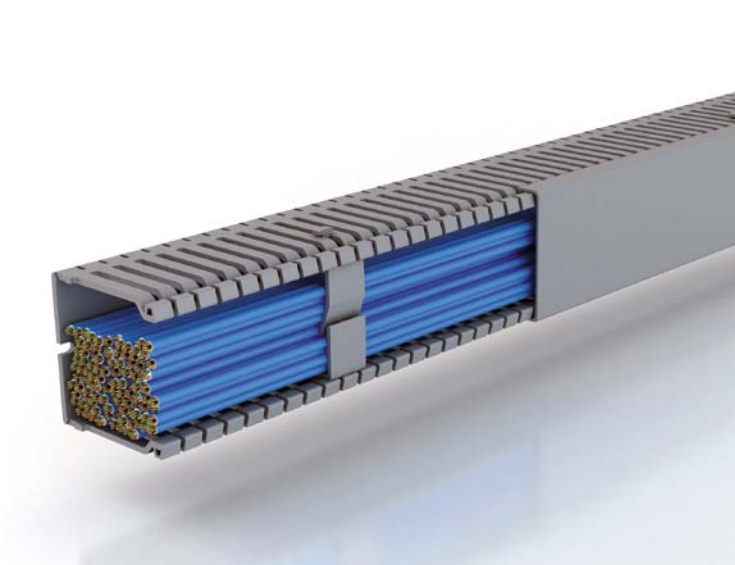
Burr-free slotted trunking

Smooth design, without burrs or sharp edges: no damage for users or for the cables during mounting, transport or in applications submitted to vibrations.



Cover

Easy to mount and remove.



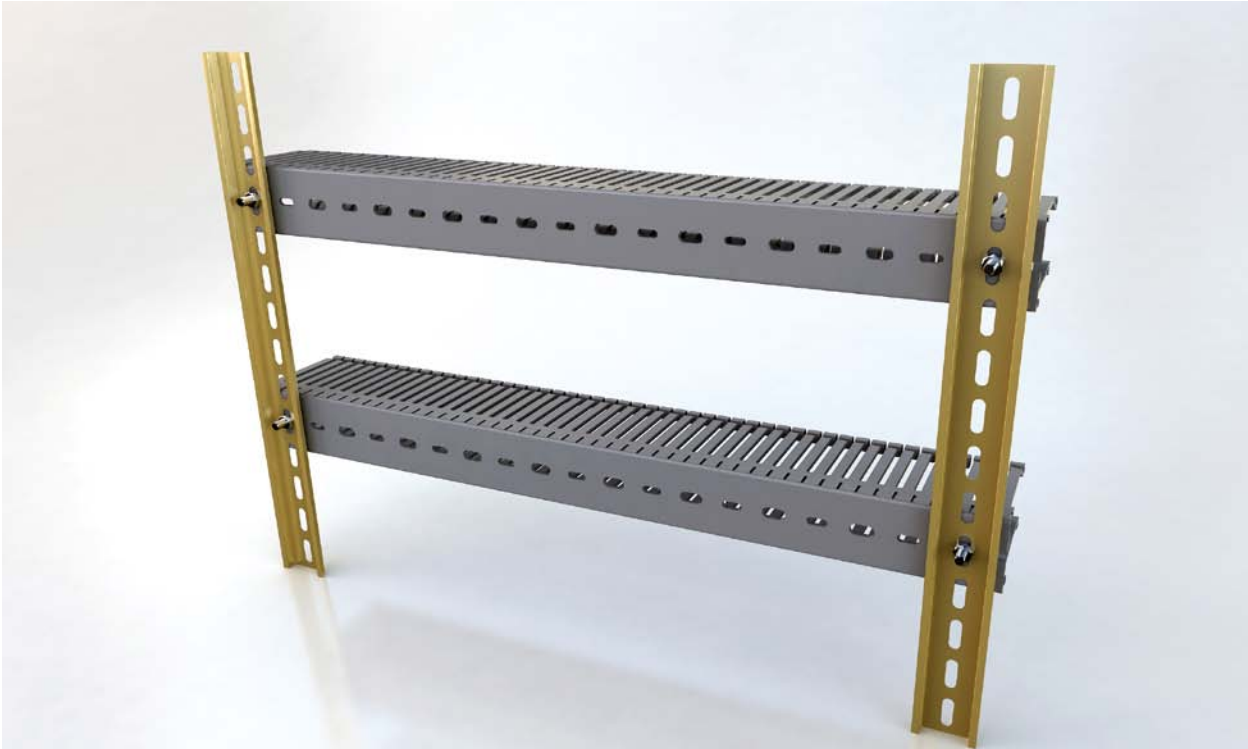
In horizontal position, the fingers do not bend and the cover does not fall.



In vertical position, the cover does not slide.

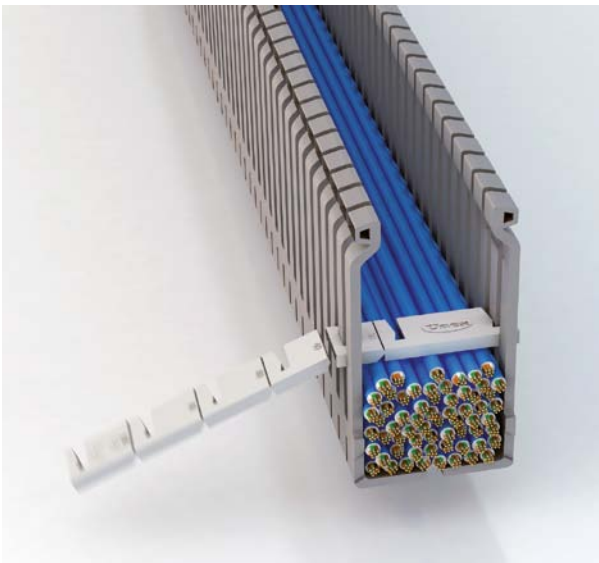
Solid and sturdy trunking:

Possible suspended mounting between rails. Few fixings required.



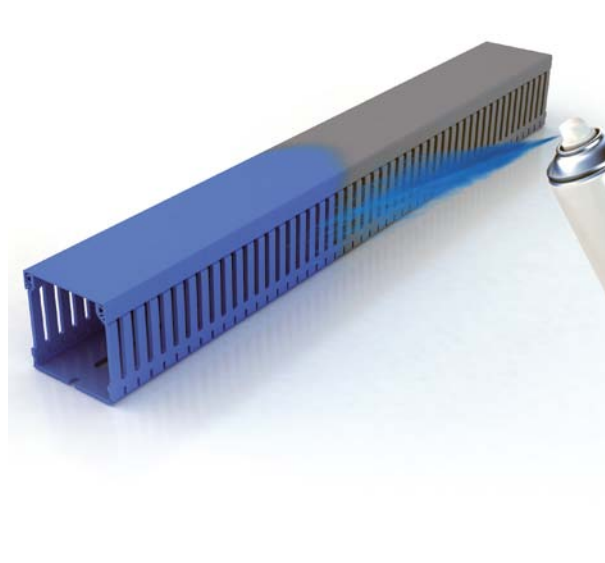
Cable compactor

Only one item for all trunking sizes: the retainer is cut according to the trunking width and can be fixed at any adjustable height.



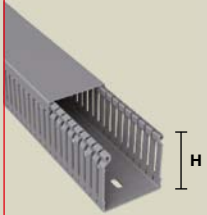

Possibility to paint

Unex slotted trunkings can be painted with the most common paints.






Slotted trunking 77 in U23X




Reduced heights

Slotted trunking 77		Slotted trunking Sizes (mm)	20	30	40
Grey RAL 7030 <input type="checkbox"/>					
1		H = 18 mm	18.20.77		
		H = 25 mm	25.20.77		
		H = 30 mm		30.30.77	
		H = 40 mm	40.20.77	40.30.77	40.40.77
3		Cable compactor U43X		40850	




Height = 60 mm

Slotted trunking 77		Slotted trunking Sizes (mm)	20	30	40
1		Slotted trunking 2 m H = 60 mm	60.20.77	60.30.77	60.40.77
2		Cable retainer			40864
3		Cable compactor U43X		40850	

Height = 80 mm

Slotted trunking 77		Slotted trunking Sizes (mm)	20	30	40
1		Slotted trunking 2 m H = 80 mm		80.30.77	80.40.77
2		Cable retainer			40884
3		Cable compactor U43X		40850	

Height = 100 mm

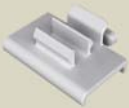
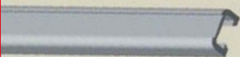
Slotted trunking 77		Slotted trunking Sizes (mm)	20	30	40
1		Slotted trunking 2 m H = 100 mm			100.40.77
2		Cable retainer			40894
3		Cable compactor U43X		40850	

60	80	100	120	150
40.60.77				
40850				

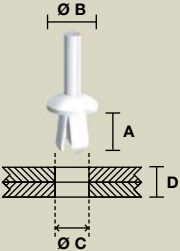
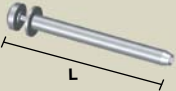
60	80	100	120	150
60.60.77	60.80.77	60.100.77	60.120.77	
40865	40864 + 40864	40864 + 40865	40865 + 40865	
40850				


60	80	100	120	150
80.60.77	80.80.77	80.100.77	80.120.77	
40885	40884 + 40884	40884 + 40885	40885 + 40885	
40850				

60	80	100	120	150
100.60.77	100.80.77	100.100.77		100.150.77
40895	40894 + 40894	40894 + 40895		
40850				

Fittings			
4		Label-holder profile support U43X	40801 (1)
5		Label-holder profile 2 m U23X	40802 (1)

(1) Except for part no. 18.20.77 and 100.150.77.

Fixing elements in PA 6.6			
		Colour natural <input type="checkbox"/>	
6		A = 6 mm Ø B = 6 mm Ø C = 3,0-3,25 D = 1-3 mm	1303
		A = 8 mm Ø B = 11 mm Ø C = 5,1-5,25 mm D = 2-5 mm	1305
		A = 12 mm Ø B = 11 mm Ø C = 6,1-6,5 mm D = 5-9 mm	1309
		A = 21 mm Ø B = 11 mm Ø C = 6,1-6,5 mm D = 10-18 mm	1318
7		Riveting tool: can be used with part no. 1305, 1309 and 1318 L = 225 mm	1300
		Riveting tool: can be used with part no. 1303 L = 120 mm	1301

Tools			
8		Cutting tool To cut the main trunking	40902 (2)

(2) Cut at 90° for trunkings width ≤ 60. Cut at 45° for trunkings width ≤ 40.

Sizes (mm)

1. Slotted trunking 77		Part no.	Sizes mm		Fixing holes type	Pack m
			A	B		
		18.20.77	18	20	1	80
		25.20.77	25	20	1	60
		30.30.77	33	30	1	60
		40.20.77	42	20	1	72
		40.30.77	42	30	1	48
		40.40.77	42	43	1	32
		40.60.77	42	60	1	24
		60.20.77	60	20	1	48
		60.30.77	60	30	1	36
		60.40.77	60	43	1	32
		60.60.77	60	60	1	32
		60.80.77	60	80	2	32
		60.100.77	60	100	2	12
		60.120.77	60	120	2	12
		80.30.77	80	30	1	28
		80.40.77	80	43	1	24
		80.60.77	80	60	1	24
		80.80.77	80	80	2	24
		80.100.77	80	100	2	12
		80.120.77	80	120	2	12
100.40.77	100	43	1	16		
100.60.77	100	60	1	16		
100.80.77	100	80	2	16		
100.100.77	100	100	2	8		
100.150.77	100	150	3	8		

Fixing holes compatible with EN 50085-2-3

Type	Dimensions (mm)
Type 1	10, 12, 14, 4.5, 6, 2m
Type 2	6.5, 50, 12, 14, 4.5
Type 3	100, 25, 50, 12, 14, 4.5

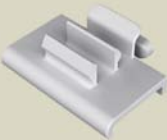
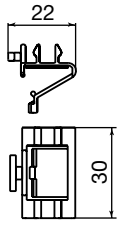

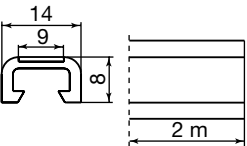

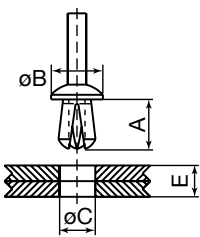



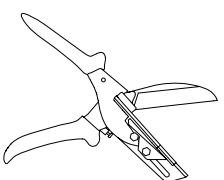
Colour: Grey RAL 7030 Material: U23X

2. Cable retainer		Part no.	Sizes mm		Slotted trunking application			Pack pc.
			A	B				
		40864	57	38	60.40.77	60.80.77	60.100.77	48
		40865	57	56	60.60.77	60.100.77	60.120.77	48
		40884	76	38	80.40.77	80.80.77	80.100.77	48
		40885	76	56	80.60.77	80.100.77	80.120.77	48
		40894	96	38	100.40.77	100.80.77	100.100.77	48
		40895	96	56	100.60.77	100.100.77		48

Colour: Grey RAL 7030 Material: U24X









3. Cable compactor		Part no.	Slotted trunking application		Pack pc.
		40850	30.30.77	40.60.77	48
		40.30.77	60.60.77		
		40.40.77	60.100.77		
		60.30.77	80.30.77		
		60.40.77	80.60.77		
		60.80.77	80.100.77		
		60.120.77	100.40.77		
		80.40.77	100.60.77		
		80.80.77	100.80.77		
		80.120.77	100.100.77		









Colour: Grey RAL 7035 Material: U43X








4. Label-holder profile support		Part no.	Slotted trunking application		Pack		
		40801	18.20.77	25.20.77	100		
			30.30.77	40.20.77			
			40.30.77	40.40.77			
			40.60.77	60.20.77			
			60.30.77	60.40.77			
			60.60.77	60.80.77			
			60.100.77	60.120.77			
			80.30.77	80.40.77			
			80.60.77	80.80.77			
			80.100.77	80.120.77			
			100.100.77				
Colour: Grey RAL 7035		Material: U43X					
5. Label-holder profile		Part no.	Slotted trunking application		Pack		
		40802	18.20.77	25.20.77	208		
			30.30.77	40.20.77			
			40.30.77	40.40.77			
			40.60.77	60.20.77			
			60.30.77	60.40.77			
			60.60.77	60.80.77			
			60.100.77	60.120.77			
			80.30.77	80.40.77			
			80.60.77	80.80.77			
			80.100.77	80.120.77			
			100.100.77				
Colour: Grey RAL 7030		Material: U23X					
6. Plastic rivet		Part no.	Sizes mm	Application	Pack		
			A $\varnothing B$ $\varnothing C$ E		pc.		
		1303	6	6	3,0 - 3,25	1 - 3	5.000
		1305	8	11	5,1 - 5,25	2 - 5	1.000
		1309	12	11	6,1 - 6,5	5 - 9	1.000
		1318	21	11	6,1 - 6,5	10 - 18	1.000
Colour: Natural		Material: PA 6.6					
7. Riveting tool		Part no.	Sizes L mm	Application Plastic rivet	Pack		
					pc.		
		1300	225	1305	1		
			1309				
			1318				
		1301	120	1303	1		
Note: A nylon hammer is recommended.							
8. Cutting tool		Part no.	Slotted trunking application		Pack		
		40902	18.20.77	25.20.77	1		
			30.30.77	40.20.77			
			40.30.77	40.40.77			
			40.60.77	60.20.77			
			60.30.77	60.40.77			
			60.60.77	80.30.77			
			80.40.77	80.60.77			
Note: Cut at 45° only for trunkings 40 mm wide or less.							







Useful cross-sections (mm²)

Recommended cable capacities

Sizes (mm)		18x20	25x20	33x30	42x20	42x30	42x43	42x60
Part numbers		18.20.77	25.20.77	30.30.77	40.20.77	40.30.77	40.40.77	40.60.77
		 234	 322	 728	 586	 940	 1460	 2112
Cables V250 Number of cables (Filling ratio 1,5)*	0,5 mm ²	43	53	116	96	154	237	346
	0,75 mm ²	28	35	77	63	102	157	229
Cables H05/07 V-K Number of cables (Filling ratio 1,5)*	1 mm ²	18	23	50	41	66	102	150
	1,5 mm ²	14	17	37	30	49	75	110
	2,5 mm ²	9	12	26	21	34	52	76

Sizes (mm)		60x20	60x30	60x43	60x60	60x80	60x100	60x120
Part numbers		60.20.77	60.30.77	60.40.77	60.60.77	60.80.77	60.100.77	60.120.77
		 870	 1387	 2137	 3092	 4225	 5362	 6380
Cables H05/07 V-K Number of cables (Filling ratio 1,5)*	1 mm ²	62	98	150	219	299	384	450
	1,5 mm ²	45	72	111	161	220	283	331
	2,5 mm ²	32	50	77	112	153	196	230
	4 mm ²	25	40	61	89	122	157	184
	6 mm ²	14	23	35	51	70	90	106

Sizes (mm)		80x30	80x43	80x60	80x80	80x100	80x120		
Part numbers		80.30.77	80.40.77	80.60.77	80.80.77	80.100.77	80.120.77		
		 1865	 2874	 4128	 5630	 7177	 8572		
		Cables H05/07 V-K Number of cables (Filling ratio 1,5)*	1 mm ²	132	203	291	399	504	606
			1,5 mm ²	97	149	215	293	371	446
			2,5 mm ²	68	104	149	204	258	309
			4 mm ²	54	83	118	162	206	247
			6 mm ²	31	47	68	92	118	142

Sizes (mm)		100x43	100x60	100x80	100x100	100x150		
Part numbers		100.40.77	100.60.77	100.80.77	100.100.77	100.150.77		
		 3585	 5179	 7110	 9000	 13450		
		Cables H05/07 V-K Number of cables (Filling ratio 1,5)*	1 mm ²	253	366	502	633	994
			1,5 mm ²	186	271	369	465	732
			2,5 mm ²	129	188	257	324	508
			4 mm ²	103	149	204	258	402
			6 mm ²	59	85	117	148	201

* Note: For other types of cables, the necessary section results from the application of the following formula: Section = Cable section x nr. of cables x 1,5.