



Cable management
system for cabinets
and equipment

Slotted trunking

77

raw material

U23X

colour

Grey

Blue



77

Slotted
trunking

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

U43X

Compliant



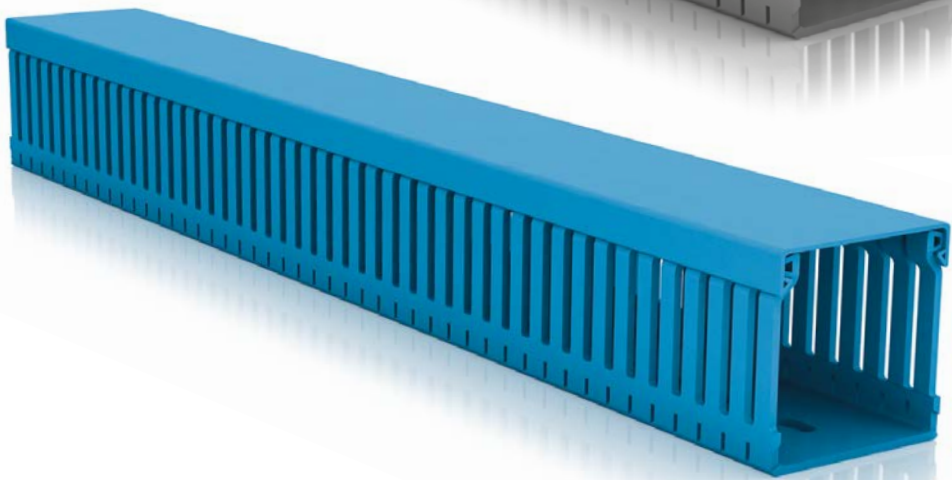
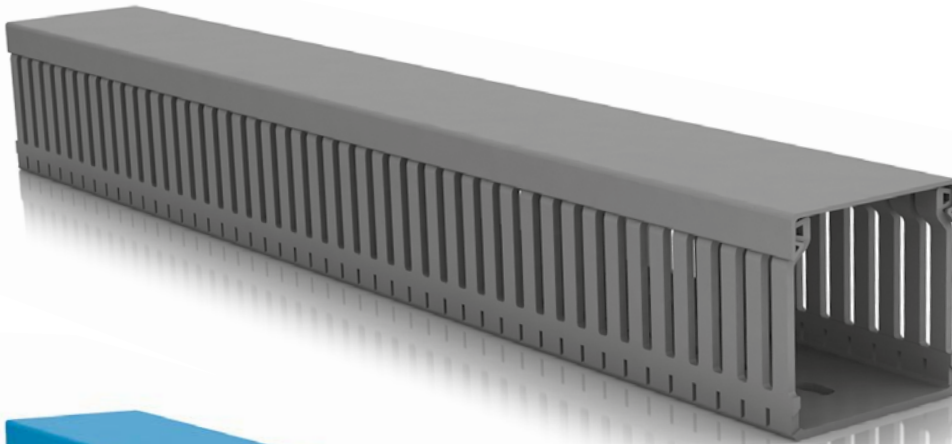
Technical characteristics

Electrical	Maximum service temperature	Minimum transport and storage temperature	In front of fire
 <p>EN 50085-2-3*</p> <p>Insulating.</p> <hr/> <p>No earthing required.</p>	 <p>+60°C</p> <p>EN 50085-2-3*</p>	 <p>-45°C</p> <p>EN 50085-2-3*</p>	 <p>Glow-fire test at 960°C.</p> <hr/> <p>Non flame propagating.</p> <hr/> <p>Reaction to fire, Class M1 acc./ UNE 201010.</p> <hr/> <p>Flammability degree UL94: V0. Does not spread fire by dripping.</p>

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

Slotted
trunking

77 **U23X**
Grey / Blue



Length

2 m

Colour

Grey

RAL 7030

Blue

RAL 5012

Quality marks



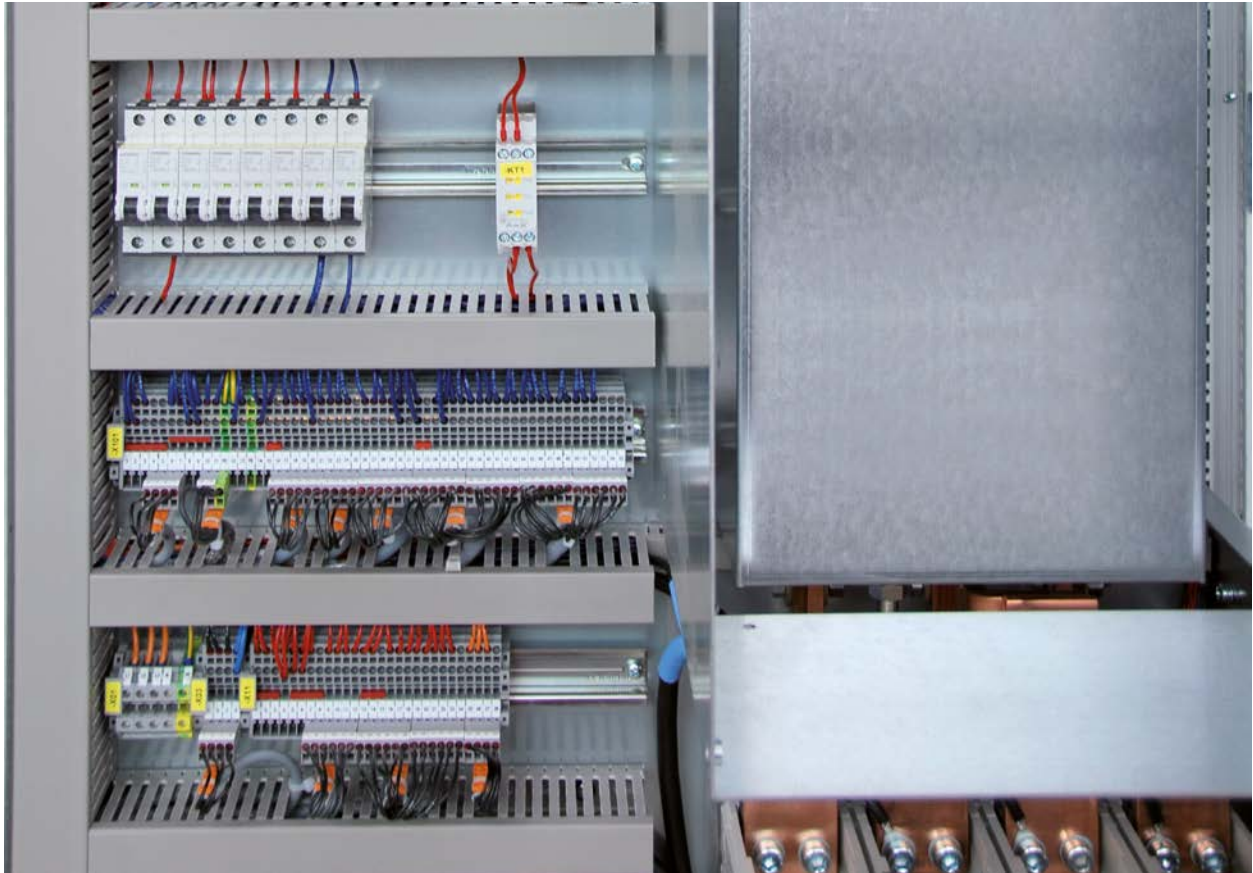
Approvals



Conformity declaration



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



Machinery industry



Machinery industry



Naval construction



Petrochemical industry



Petrochemical industry



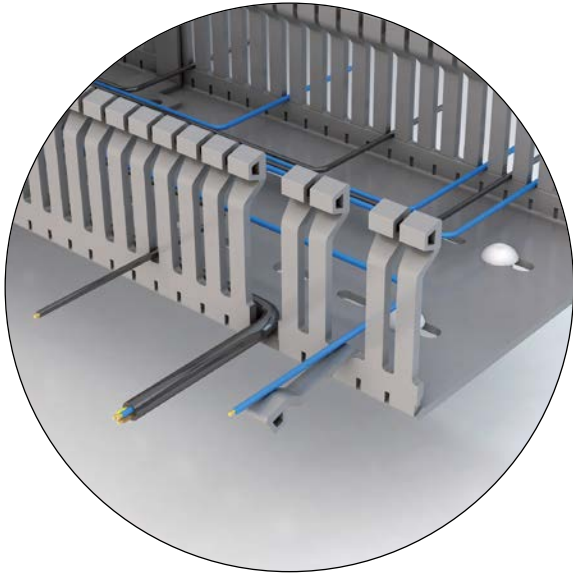
Water treatment

77

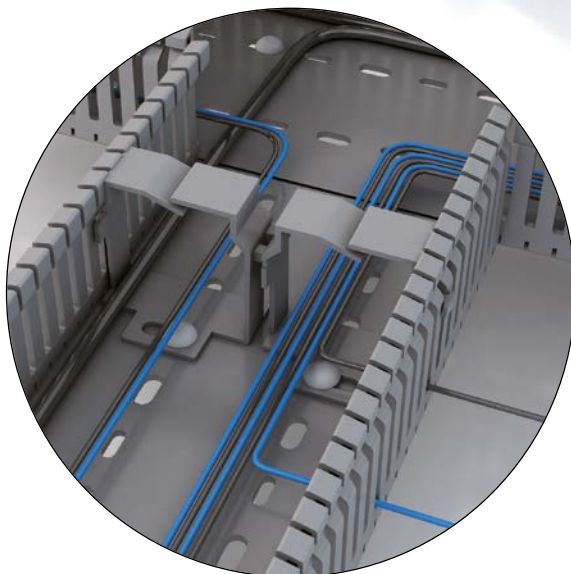
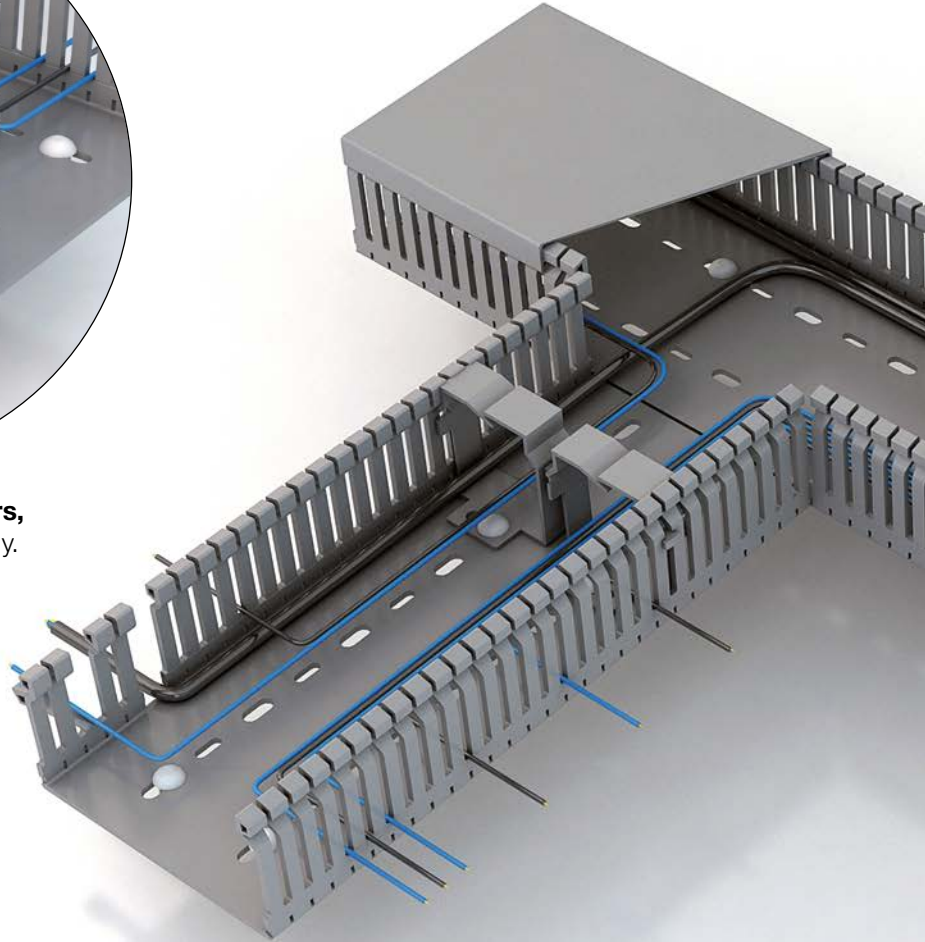
U23X
Grey / Blue

Slotted
trunking

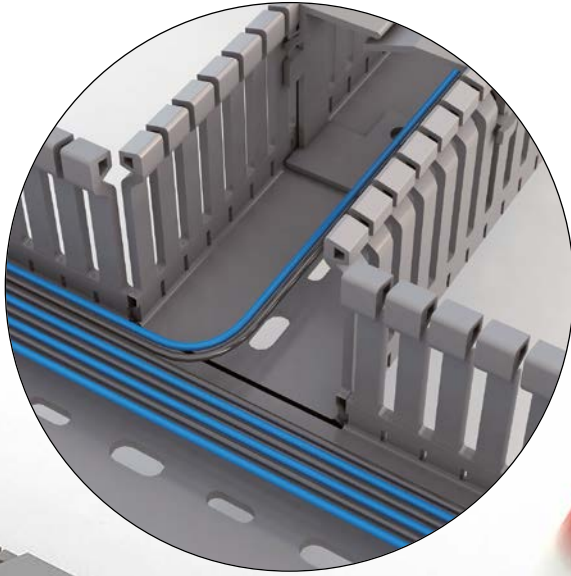
Easy mounting and maintenance



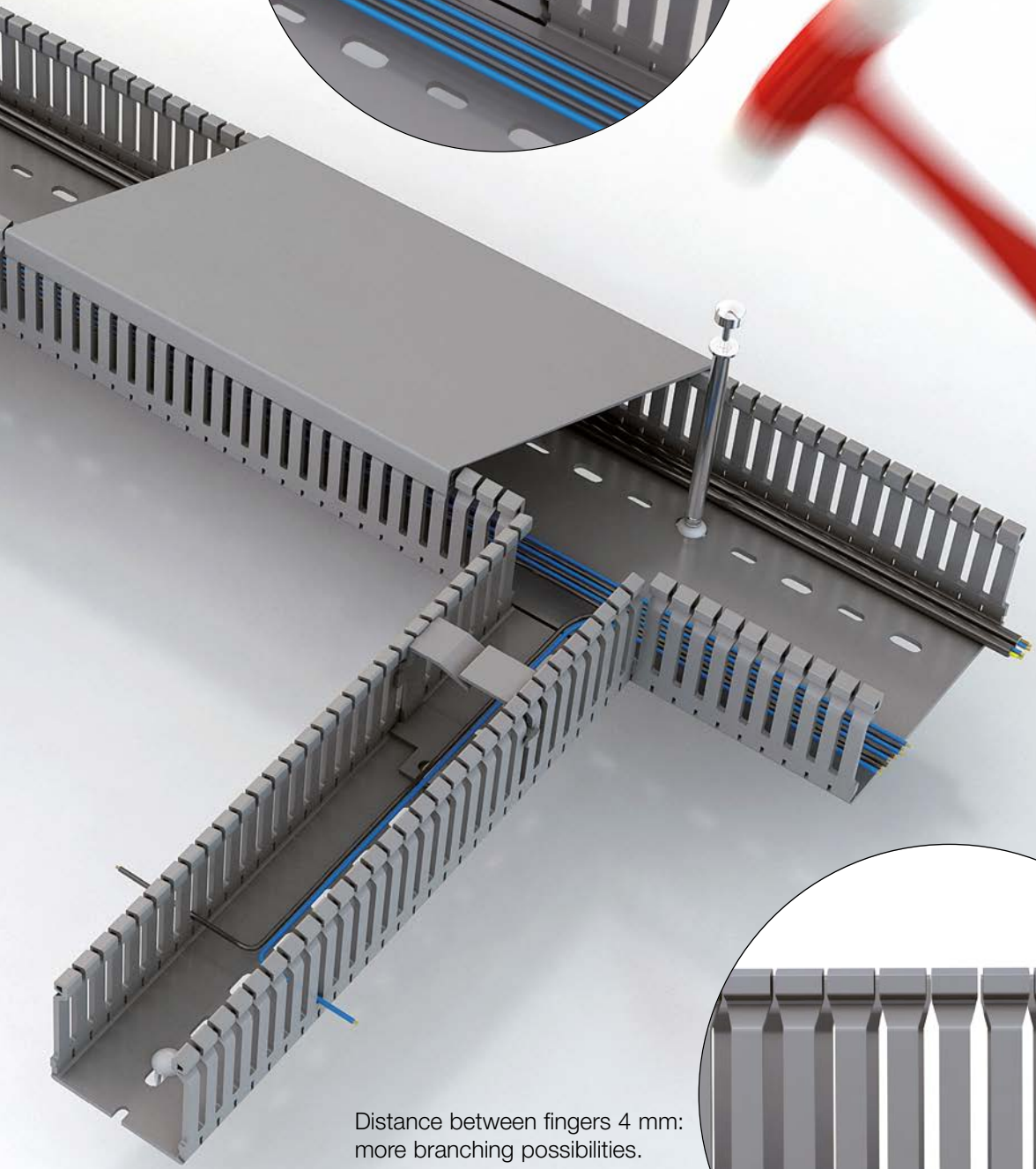
Flexible and resistant fingers,
which do not break accidentally.



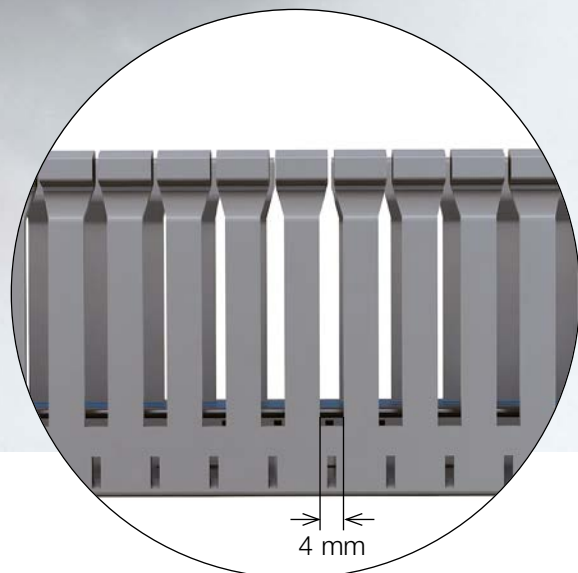
Rigid cable retainer: avoids deformations and allows circuit classification. Only 6 part numbers for 14 trunking sizes.



Clean cut of the sidewall to the base.
Does not damage the cables insulation.
Maximum branching room and cross-section.
Quicker mounting and easier cable connections.



Distance between fingers 4 mm:
more branching possibilities.



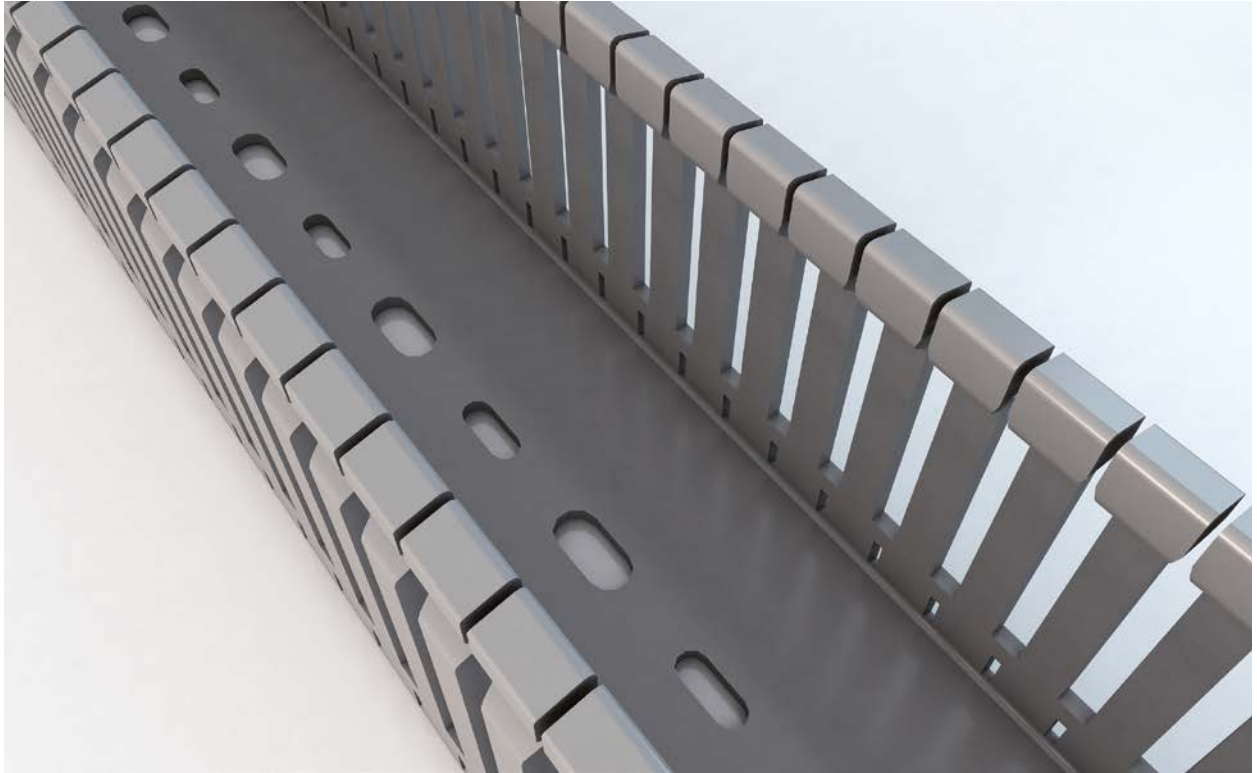
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U23X
Grey / BlueSlotted
trunking

A product with added value

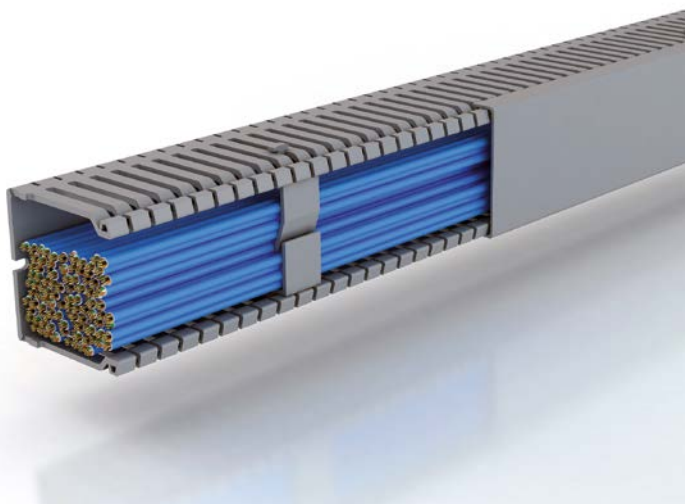
Burr-free slotted trunking

Smooth design, without burrs or sharp edges: does not damage the user's hand nor the cables during mounting. The cables insulation is not affected during transportation 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.

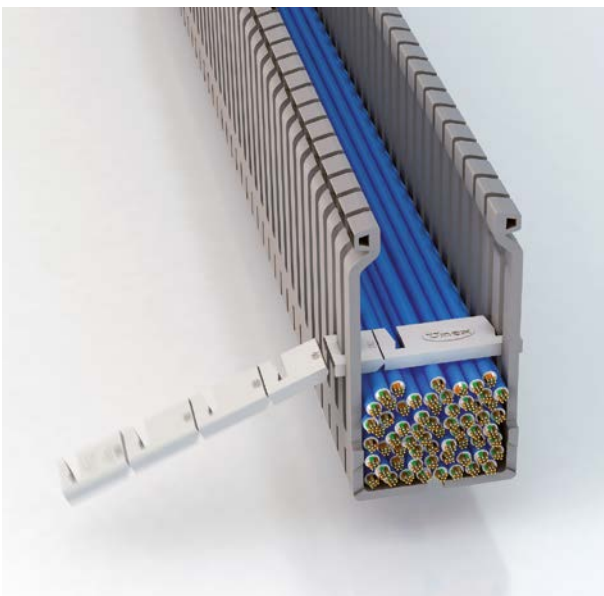
Solid and sturdy trunking

Due to its solidity and sturdiness, the trunking can be suspended between rails. Few fixings required.



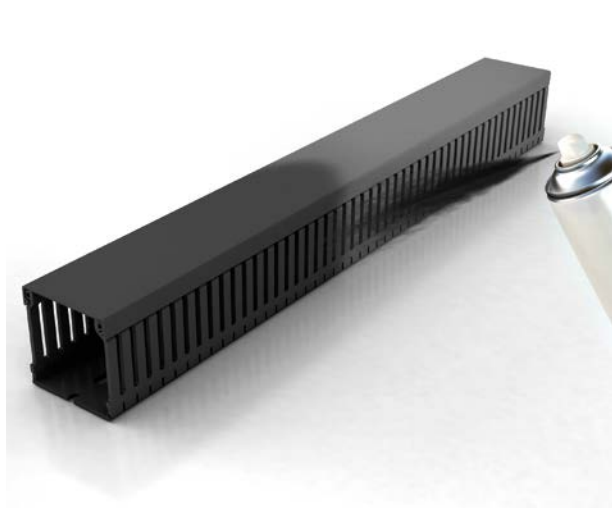
Cable compactor

Only one part number for all trunking sizes: the retainer can be cut according to the trunking's width and can be fixed at any adjustable height.

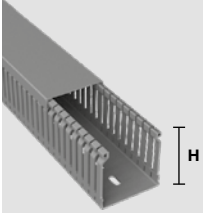



Possibility to paint




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






Heights = 18, 25, 30 and 40 mm

		Slotted trunking width (mm)		20	30	40
		Grey RAL 7030				
	Slotted trunking 2 m	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	
	Cable compactor	U43X	40850			




Height = 60 mm

		Slotted trunking width (mm)		20	30	40
	Slotted trunking 2 m	H = 60 mm	60.20.77	60.30.77	60.40.77	
	Cable retainer	U24X			40864	
	Cable compactor	U43X	40850			

Height = 80 mm

		Slotted trunking width (mm)		20	30	40
	Slotted trunking 2 m	H = 80 mm			80.30.77	80.40.77
	Cable retainer	U24X				40884
	Cable compactor	U43X	40850			

Height = 100 mm

		Slotted trunking width (mm)		20	30	40
	Slotted trunking 2 m	H = 100 mm			100.40.77	
	Cable retainer	U24X			40894	
	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				

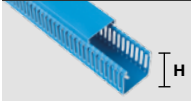
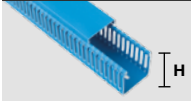


	60	80	100	120	150
	80.60.77	80.80.77	80.100.77	80.120.77	
	40885	40884 + 40884	40884 + 40885	40885 + 40885	
	40850				

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

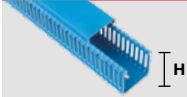
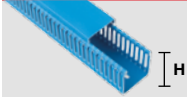


77 **U23X**
Grey/Blue

Slotted
trunking

Height = 60 mm

		Slotted trunking width (mm)		
		30	40	60
 <p>Blue RAL 5012</p>				
 <p>Slotted trunking 2 m H = 60 mm</p>		776040-06	776060-06	
 <p>Cable retainer U24X</p>		40864	40865	
 <p>Cable compactor U43X</p>		40850		

Height = 80 mm

		Slotted trunking width (mm)		
		30	40	60
 <p>Blue RAL 5012</p>				
 <p>Slotted trunking 2 m H = 80 mm</p>		778030-06	778040-06	778060-06
 <p>Cable retainer U24X</p>		40884	40885	
 <p>Cable compactor U43X</p>		40850		

80

100

120

150



80

100

120

150

778080-06

7780100-06


7780120-06

40884
+
40884

40884
+
40885

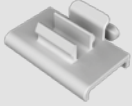

40885
+
40885

40850

See next page 

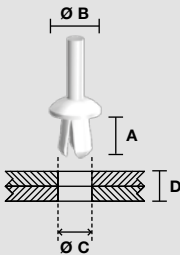
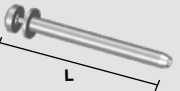
Functional and mounting elements for Slotted trunking 77

Fittings

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


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

Fixing elements in **UGOX**


	Translucent	
	A = 6 mm Ø B = 6 mm Ø C = 3.0-3.25 mm D = 1-3 mm	1303 (1)
	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
	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

(1) To fix labels. Do not use to fix trunkings.

Tools

	Cutting tool To cut the main trunking	40902 (1)
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(1) Cut at 90° for trunkings width ≤ 60 mm Cut at 45° for trunkings width ≤ 40 mm.

See next page 

Sizes (mm)

Part. no.	RAL 7030		RAL 5012		Fixing holes		Pack
	GREY	BLUE	A	B	type	m	
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	776040-06		60	43	1	32	
60.60.77	776060-06		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	778030-06		80	30	1	28	
80.40.77	778040-06		80	43	1	24	
80.60.77	778060-06		80	60	1	24	
80.80.77	778080-06		80	80	2	24	
80.100.77	7780100-06		80	100	2	12	
80.120.77	7780120-06		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	

Material: U23X

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

Useful cross-sections (mm²)


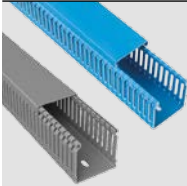






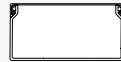
Recommended cable capacities

Part no.		Grey RAL 7030		18x20	25x20	33x30	42x20	42x30	42x43	42x60
		18.20.77		234	322	728	586	940	1460	2112
		25.20.77		322	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		


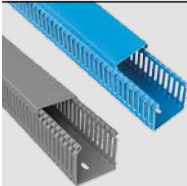






* Note: For other types of cables, the necessary section results from the application of the following formula: Section = Cable section x no. of cables x 1.5.

See next page


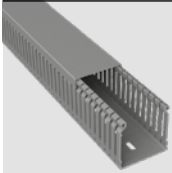





Sizes (mm) 60x20 60x30 60x43 60x60 60x80 60x100 60x120

Part no.		60.20.77	60.30.77	60.40.77 776040-06	60.60.77 776060-06	60.80.77	60.100.77	60.120.77
	RAL 7030 / RAL 5012							
		 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 no.		80.30.77 778030-06	80.40.77 778040-06	80.60.77 778060-06	80.80.77 778080-06	80.100.77 7780100-06	80.120.77 7780120-06
	RAL 7030 / RAL 5012						
		 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 no.		100.40.77	100.60.77	100.80.77	100.100.77	100.150.77
	RAL 7030					
		 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. cables x 1.5.