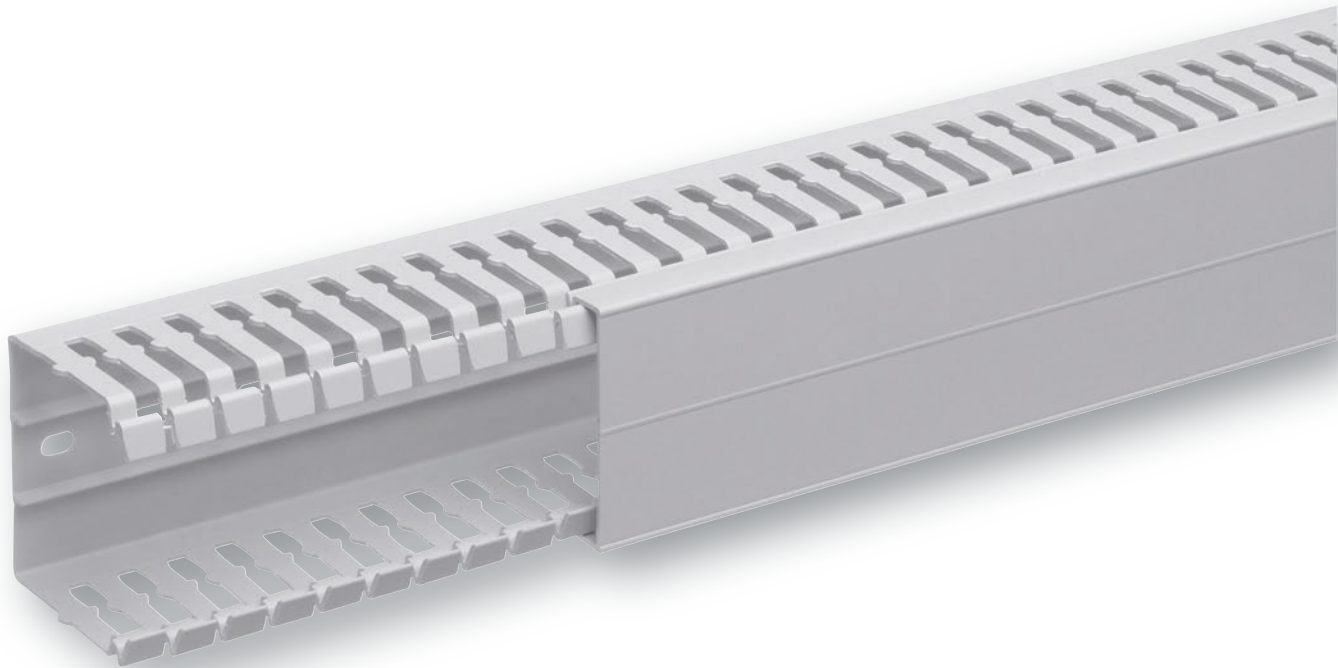


Enclosure trunking

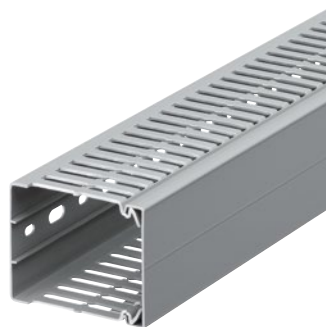
The system of equipment of the boards is a wide range proposing solutions for each type of application:

- the series tehalit.BA7A in PVC cover the whole current needs,
- series tehalit.HA7 in PC-ABS halogen free, is proposed for the sensitive equipments,
- the series tehalit.VK-Flex allows flexible connections between the equipment of the door and the body of the board.



tehalit.BA7A wide-slot wiring duct	12.2
tehalit.BA7B narrow-slot wiring duct	12.8
tehalit.B7A solid duct	12.12
tehalit.HA7 wiring duct, halogen-free	12.13
tehalit.HNG halogen free slotted trunking in PPO	12.16
tehalit.VK-Flex	12.17
Accessories	12.18
Technical guide	12.15

- wide-slot/web design for a wide range of wire bundle sizes
- temperature range from -5 °C to +60 °C
- flame-retardant according to UL94-V0, UL-recognized and CSA-certified
- EN50085-2-3-approved, VDE and CE marking
- slot 6 mm, web 6.5 mm
- colours: grey RAL 7030
- material: PVC rigid
- wiring duct length: 2 meters



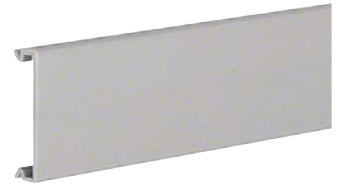
BA7A80060

Bases and covers BA7A

Base and cover		1 mm ² H05V-U/K 6.16 mm ²	1.5 mm ² H07V-U/R 8.55 mm ²	2.5 mm ² H07V-U/R 11.95 mm ²	2.1 mm ² No 14 AWG 11 mm ²	3.3 mm ² No 12 AWG 14 mm ²	Pack qty.	Cat. ref.
Depth x width (mm)	Area (mm ²)							
25 x 25	220	14	10	7	8	6	50	BA7A25025
25 x 40	375	24	18	13	14	11	48	BA7A25040
25 x 80	642	42	30	21	23	18	24	BA7A25080
40 x 25	462	30	22	15	17	13	48	BA7A40025
40 x 30	535	35	25	18	19	15	40	BA7A40030
40 x 40	749	49	35	25	27	21	50	BA7A40040
40 x 60	1155	75	54	39	42	33	40	BA7A40060
40 x 80	1557	101	73	52	57	44	30	BA7A40080
40 x 100	1956	127	91	65	71	56	20	BA7A40100
60 x 25	836	54	39	28	30	24	60	BA7A60025
60 x 30	1060	69	50	35	39	30	48	BA7A60030
60 x 40	1404	91	66	47	51	40	40	BA7A60040
60 x 60	2184	142	102	73	79	62	24	BA7A60060
60 x 80	2970	193	139	99	108	85	20	BA7A60080
60 x 100	3746	243	175	125	136	107	16	BA7A60100
60 x 120	4519	294	211	151	164	129	12	BA7A60120
80 x 25	1202	78	56	40	44	34	20	BA7A80025
80 x 30	1533	100	72	51	56	44	24	BA7A80030
80 x 40	2071	135	97	69	75	59	20	BA7A80040
80 x 60	3243	211	152	109	118	93	20	BA7A80060
80 x 80	4412	287	206	148	160	126	12	BA7A80080
80 x 100	5577	362	261	187	203	159	12	BA7A80100
80 x 120	6737	438	315	226	245	192	16	BA7A80120
100 x 30	1875	122	88	63	68	54	24	BA7A100030
100 x 40	2663	173	125	89	97	76	20	BA7A100040
100 x 60	4239	275	198	142	154	121	16	BA7A100060
100 x 80	5815	378	272	195	211	166	16	BA7A100080
100 x 100	7391	480	346	247	269	211	12	BA7A100100

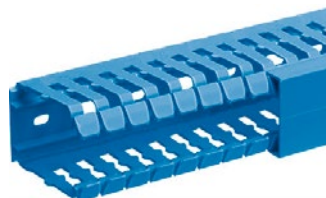
Covers BA7A for duct

Depth x width (mm)	Pack qty.	Cat. ref.
25 x 25	28	BA70252K
25 x 40	28	BA70402K
25 x 80	20	BA70402K
<hr/>		
40 x 25	28	BA70252
40 x 30	40	BA70302
40 x 40	28	BA70402
40 x 60	20	BA70602
40 x 80	20	BA70802
40 x 100	12	BA71002
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60 x 25	28	BA70252
60 x 30	40	BA70252
60 x 40	28	BA70402
60 x 60	20	BA70602
60 x 80	20	BA70802
60 x 100	12	BA71002
60 x 120	12	BA71202
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80 x 25	28	BA70252
80 x 30	40	BA70302
80 x 40	28	BA70402
80 x 60	20	BA70602
80 x 80	20	BA70802
80 x 100	12	BA71002
80 x 120	12	BA71202
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100 x 30	40	BA70302
100 x 40	28	BA70402
100 x 60	20	BA70602
100 x 80	20	BA70802
100 x 100	12	BA71002



BA70402K

- wide-slot/web design for a wide range of wire bundle sizes
- temperature range from -5 °C to +60 °C
- flame-retardant according to UL94-V0, UL-recognized and CSA-certified
- EN50085-2-3-approved, VDE and CE marking
- slot 6 mm, web 6.5 mm
- colours: blue RAL 5015
- material: PVC rigid
- wiring duct length: 2 meters



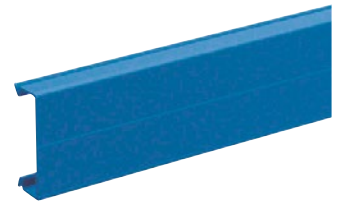
BA7A60040BL

Bases and covers BA7A

Base and cover		1 mm ² H05V-U/K 6.16 mm ²	1.5 mm ² H07V-U/R 8.55 mm ²	2.5 mm ² H07V-U/R 11.95 mm ²	2.1 mm ² No 14 AWG 11 mm ²	3.3 mm ² No 12 AWG 14 mm ²	Pack qty.	Cat. ref.
Depth x width (mm)	Area (mm ²)							
40 x 40	749	49	35	25	27	21	50	BA7A40040BL
40 x 60	1155	75	54	39	42	33	40	BA7A40060BL
40 x 80	1557	101	73	52	57	44	30	BA7A40080BL
60 x 25	836	54	39	28	30	24	60	BA7A60025BL
60 x 40	1404	91	66	47	51	40	40	BA7A60040BL
60 x 60	2184	142	102	73	79	62	24	BA7A60060BL
60 x 80	2970	193	139	99	108	85	20	BA7A60080BL
60 x 100	3746	243	175	125	136	107	16	BA7A60100BL
80 x 25	1202	78	56	40	44	34	20	BA7A80025BL
80 x 30	1533	100	72	51	56	44	24	BA7A80030BL
80 x 40	2071	135	97	69	75	59	20	BA7A80040BL
80 x 60	3243	211	152	109	118	93	20	BA7A80060BL
80 x 80	4412	287	206	148	160	126	12	BA7A80080BL
80 x 100	5577	362	261	187	203	159	12	BA7A80100BL
80 x 120	6737	438	315	226	245	192	16	BA7A80120BL
100 x 60	4239	275	198	142	154	121	16	BA7A100060BL
100 x 80	5815	378	272	195	211	166	16	BA7A100080BL
100 x 100	7391	480	346	247	269	211	12	BA7A100100BL

Covers BA7A for duct

Depth x width (mm)	Pack qty.	Cat. ref.
40 x 40	28	BA70402BL
40 x 60	20	BA70602BL
40 x 80	20	BA70802BL
60 x 25	28	BA70252BL
60 x 40	28	BA70402BL
60 x 60	20	BA70602BL
60 x 80	20	BA70602BL
60 x 100	12	BA71002BL
80 x 25	28	BA70252BL
80 x 30	40	BA70302BL
80 x 40	28	BA70402BL
80 x 60	20	BA70602BL
80 x 80	20	BA70802BL
80 x 100	12	BA71002BL
80 x 120	12	BA71202BL
100 x 60	20	BA70602BL
100 x 80	20	BA70802BL
100 x 100	12	BA71002BL



BA70402BL

- wide-slot/web design for a wide range of wire bundle sizes
- temperature range from -5 °C to +60 °C
- flame-retardant according to UL94-V0, UL-recognized and CSA-certified
- EN50085-2-3-approved, VDE and CE marking
- slot 6 mm, web 6.5 mm
- colours: white RAL 9010
- material: PVC rigid
- wiring duct length: 2 meters



BA7A60040W

Bases and covers BA7A

Base and cover		1 mm ² H05V-U/K 6.16 mm ²	1.5 mm ² H07V-U/R 8.55 mm ²	2.5 mm ² H07V-U/R 11.95 mm ²	2.1 mm ² No 14 AWG 11 mm ²	3.3 mm ² No 12 AWG 14 mm ²	Pack qty.	Cat. ref.
Depth x width (mm)	Area (mm ²)							
40 x 40	749	49	35	25	27	21	50	BA7A40040W
40 x 60	1155	75	54	39	42	33	40	BA7A40060W
40 x 80	1557	101	73	52	57	44	30	BA7A40080W
60 x 25	836	54	39	28	30	24	60	BA7A60025W
60 x 40	1404	91	66	47	51	40	40	BA7A60040W
60 x 60	2184	142	102	73	79	62	24	BA7A60060W
60 x 80	2970	193	139	99	108	85	20	BA7A60080W
60 x 100	3746	243	175	125	136	107	16	BA7A60100W
80 x 25	1202	78	56	40	44	34	20	BA7A80025W
80 x 30	1533	100	72	51	56	44	24	BA7A80030W
80 x 40	2071	135	97	69	75	59	20	BA7A80040W
80 x 60	3243	211	152	109	118	93	20	BA7A80060W
80 x 80	4412	287	206	148	160	126	12	BA7A80080W
80 x 100	5577	362	261	187	203	159	12	BA7A80100W
80 x 120	6737	438	315	226	245	192	16	BA7A80120W
100 x 60	4239	275	198	142	154	121	16	BA7A100060W
100 x 80	5815	378	272	195	211	166	16	BA7A100080W
100 x 100	7391	480	346	247	269	211	12	BA7A100100W

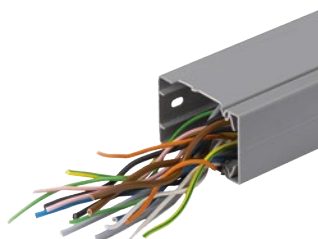
Covers BA7A for duct

Depth x width (mm)	Pack qty.	Cat. ref.
40 x 40	28	BA70402W
40 x 60	20	BA70602W
40 x 80	20	BA70802W
<hr/>		
60 x 25	28	BA70252W
60 x 40	28	BA70402W
60 x 60	20	BA70602W
60 x 80	20	BA70802W
60 x 100	12	BA71002W
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80 x 25	28	BA70252W
80 x 30	40	BA70302W
80 x 40	28	BA70402W
80 x 60	20	BA70602W
80 x 80	20	BA70802W
80 x 100	12	BA71002W
80 x 120	12	BA71202W
<hr/>		
100 x 60	20	BA70602W
100 x 80	20	BA70802W
100 x 100	12	BA71002W



BA70402W

- solid duct for maximum protection: restricted wiring access for more security
- temperature range from -5 °C to +60 °C
- flame-retardant according to UL94-V0
- colours: grey RAL 7030
- material: PVC rigid
- wiring duct length: 2 meters



Bases and covers B7A

Base and cover		1 mm ² H05V-U/K 6.16 mm ²	1.5 mm ² H07V-U/R 8.55 mm ²	2.5 mm ² H07V-U/R 11.95 mm ²	2.1 mm ² No 14 AWG 11 mm ²	3.3 mm ² No 12 AWG 14 mm ²	Pack qty.	Cat. ref.
Depth x width (mm)	Area (mm ²)							
40 x 25	462	30	22	15	17	13	48	B7A40025
40 x 40	749	49	35	25	27	21	50	B7A40040
40 x 60	1155	75	54	39	42	33	40	B7A40060
40 x 80	1557	101	73	52	57	44	30	B7A40080
60 x 40	1404	91	66	47	51	40	40	B7A60040
60 x 60	2184	142	102	73	79	62	24	B7A60060
60 x 80	2970	193	139	99	108	85	20	B7A60080
60 x 100	3746	243	175	125	136	107	16	B7A60100
60 x 120	4519	294	211	151	164	129	12	B7A60120
80 x 25	1202	78	56	40	44	34	20	B7A80025
80 x 40	2071	135	97	69	75	59	20	B7A80040
80 x 60	3243	211	152	109	118	93	20	B7A80060
80 x 80	4412	287	206	148	160	126	12	B7A80080
80 x 100	5577	362	261	187	203	159	12	B7A80100
80 x 120	6737	438	315	226	245	192	16	B7A80120

B7A60040



BA70252

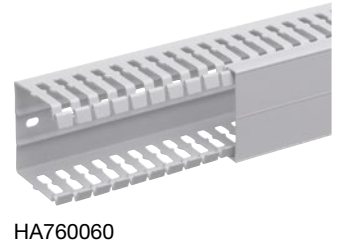
Covers B7A for duct

Depth x width (mm)	Pack qty.	Cat. ref.
40 x 25	28	BA70252
40 x 40	28	BA70402
40 x 60	20	BA70602
40 x 80	20	BA70802
60 x 40	28	BA70402
60 x 60	20	BA70602
60 x 80	20	BA70802
60 x 100	12	BA71002
60 x 120	12	BA71202
80 x 25	28	BA70252
80 x 40	28	BA70402
80 x 60	20	BA70602
80 x 80	20	BA70802
80 x 100	12	BA71002
80 x 120	12	BA71202

- wide-slot/web design for a wide range of wiring bundle sizes
 - highly recommended for use in panels subject to high internal or external temperatures
 - the stability of the material ensures full cover security, protecting the wiring within the temperature ranges shown
 - temperature range from -25 °C to +90 °C
 - flame-retardant according to UL94-V0, UL-recognized and CSA-certified
 - EN50085-2-3-approved, VDE and CE marking
- EN45545-2 for railway applications
 - slot 6 mm, web 6.5 mm
 - colours: light grey RAL 7035
 - material: PC-ABS halogen-free
 - wiring duct length: 2 meters

Bases and covers HA7

Base and cover		1 mm ² H05V-U/K 6.16 mm ²	1.5 mm ² H07V-U/R 8.55 mm ²	2.5 mm ² H07V-U/R 11.95 mm ²	2.1 mm ² No 14 AWG 11 mm ²	3.3 mm ² No 12 AWG 14 mm ²	Pack qty.	Cat. ref.
Depth x width (mm)	Area (mm ²)							
25 x 25	220	14	10	7	8	6	50	HA725025
25 x 40	375	24	18	13	14	11	48	HA725040
25 x 80	642	42	30	21	23	18	24	HA725080
40 x 25	462	30	22	15	17	13	48	HA740025
40 x 30	535	35	25	18	19	15	40	HA740030
40 x 40	749	49	35	25	27	21	50	HA740040
40 x 60	1155	75	54	39	42	33	40	HA740060
40 x 80	1557	101	73	52	57	44	30	HA740080
40 x 100	1956	127	91	65	71	56	20	HA740100
60 x 25	836	54	39	28	30	24	60	HA760025
60 x 30	1060	69	50	35	39	30	48	HA760030
60 x 40	1404	91	66	47	51	40	40	HA760040
60 x 60	2184	142	102	73	79	62	24	HA760060
60 x 80	2970	193	139	99	108	85	20	HA760080
60 x 100	3746	243	175	125	136	107	16	HA760100
60 x 120	4519	294	211	151	164	129	12	HA760120
80 x 25	1202	78	56	40	44	34	20	HA780025
80 x 30	1533	100	72	51	56	44	24	HA780030
80 x 40	2071	135	97	69	75	59	20	HA780040
80 x 60	3243	211	152	109	118	93	20	HA780060
80 x 80	4412	287	206	148	160	126	12	HA780080
80 x 100	5577	362	261	187	203	159	12	HA780100
80 x 120	6737	438	315	226	245	192	16	HA780120
100 x 30	1875	122	88	63	68	54	24	HA7100030
100 x 40	2663	173	125	89	97	76	20	HA7100040
100 x 60	4239	275	198	142	154	121	16	HA7100060
100 x 80	5815	378	272	195	211	166	16	HA7100080
100 x 100	7391	480	346	247	269	211	12	HA7100100



HA760060

Enclosure trunking



HA70602

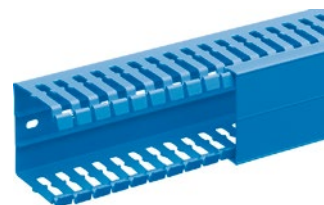
Covers HA7 for duct

Depth x width (mm)	Pack qty.	Cat. ref.
25 x 25	28	HA70252K
25 x 40	28	HA70402K
25 x 80	20	HA70402K
40 x 25	28	HA70252
40 x 30	40	HA70302
40 x 40	28	HA70402
40 x 60	20	HA70602
40 x 80	20	HA70802
40 x 100	12	HA71002
60 x 25	28	HA70252
60 x 30	40	HA70252
60 x 40	28	HA70402
60 x 60	20	HA70602
60 x 80	20	HA70802
60 x 100	12	HA71002
60 x 120	12	HA71202
80 x 25	28	HA70252
80 x 30	40	HA70302
80 x 40	28	HA70402
80 x 60	20	HA70602
80 x 80	20	HA70802
80 x 100	12	HA71002
80 x 120	12	HA71202
100 x 30	40	HA70302
100 x 40	28	HA70402
100 x 60	20	HA70602
100 x 80	20	HA70802
100 x 100	12	HA71002

- wide-slot/web design for a wide range of wiring bundle sizes
 - highly recommended for use in panels subject to high internal or external temperatures
 - the stability of the material ensures full cover security, protecting the wiring within the temperature ranges shown
 - temperature range from -25 °C to +90 °C
 - flame-retardant according to UL94-V0, UL-recognized and CSA-certified
 - EN50085-2-3-approved, VDE and CE marking
- EN45545-2 for railway applications
 - slot 6 mm, web 6.5 mm
 - colours: blue RAL 5015
 - material: PC-ABS halogen-free
 - wiring duct length: 2 meters

Bases and covers HA7

Base and cover		1 mm ²	1.5 mm ²	2.5 mm ²	2.1 mm ²	3.3 mm ²	Pack qty.	Cat. ref.
Depth x width (mm)	Area (mm ²)	H05V-U/K 6.16 mm ²	H07V-U/R 8.55 mm ²	H07V-U/R 11.95 mm ²	No 14 AWG 11 mm ²	No 12 AWG 14 mm ²		
60 x 60	2184	142	102	73	79	62	24	HA760060BL
60 x 80	2970	193	139	99	108	85	20	HA760080BL
80 x 40	2071	135	97	69	75	59	20	HA780040BL
80 x 60	3243	211	152	109	118	93	20	HA780060BL
80 x 80	4412	287	206	148	160	126	12	HA780080BL
80 x 100	5577	362	261	187	203	159	12	HA780100BL
80 x 120	6737	438	315	226	245	192	16	HA780120BL
100 x 40	2663	173	125	89	97	76	20	HA7100040BL
100 x 60	4239	275	198	142	154	121	16	HA7100060BL
100 x 80	5815	378	272	195	211	166	16	HA7100080BL
100 x 100	7391	480	346	247	269	211	12	HA7100100BL

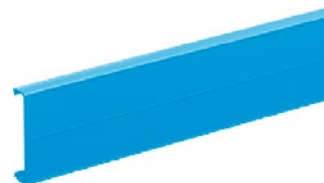


HA760060BL

Enclosure trunking

Covers HA7 for duct

Depth x width (mm)	Pack qty.	Cat. ref.
60 x 60	20	HA70602BL
60 x 80	20	HA70802BL
80 x 40	28	HA70402BL
80 x 60	20	HA70602BL
80 x 80	20	HA70802BL
80 x 100	12	HA71002BL
80 x 120	12	HA71202BL
100 x 40	28	HA70402BL
100 x 60	20	HA70602BL
100 x 80	20	HA70802BL
100 x 100	12	HA71002BL



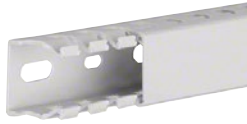
HA70402BL

Delivery information: Base pre-drilled and lid.

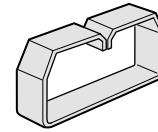
Standard length: 2m.

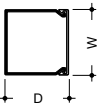
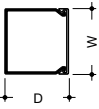
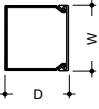
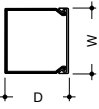
Material: PPO. Self-extinguishing classification: UL 94V1.

Base and lid

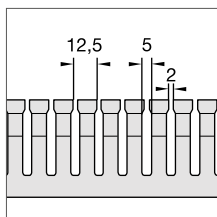


Clip

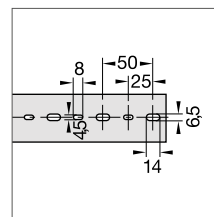


Cat. ref.	Depth x width D x w (mm)	Countenance by conductors section in mm ²			Packaging	Cat. ref.	Packaging
		1.0 ²	1.5 ²	2.5 ²			
 HNG2502507035B	24 x 24	40	32	22	36 m		
 HNG3702507035B	36 x 24				48 m		
HNG3703707035B	36 x 37	95	76	52	32 m		
HNG3705007035B	36 x 49	129	103	71	40 m	HN370503	50
 HNG5002507035B	49 x 24	77	62	42	48 m		
HNG5003707035B	49 x 37	127	102	70	40 m		
HNG5005007035B	49 x 49	185	140	96	48 m	HN500503	50
HNG5007507035B	49 x 74	250	212	146	20 m	HN500753	50
HNG5010007035B	49 x 99	336	285	196	24 m	HN501003	50
HNG5012507035B	49 x 124	502	403	277	18 m	HN501253	50
 HNG7503707035B	73 x 36	210	169	116	40 m		
HNG7505007035B	73 x 49	277	222	153	20 m	HN750503	50
HNG7507507035B	73 x 74	423	340	233	16 m	HN750753	50
HNG7510007035B	73 x 99	575	462	317	16 m	HN751003	50
HNG7512507035B	73 x 124	724	581	400	12 m	HN751253	50

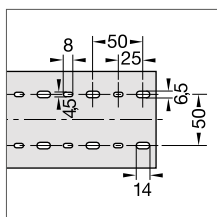
* complete trunking with cutting side with step of 10 mm



Slot configuration



Base punching
configuration for
trunking width 25,
37 and 50 mm
DIN 43659



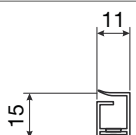
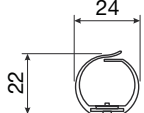
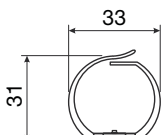
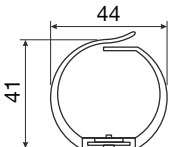
Base punching
configuration for
trunking width 75,
100 and 125 mm
DIN 43659

- Halogen free
- Self-extinguishing
- Operating temperature: -25 °C to + 90 °C
- High rigidity

- this flexible wiring duct is indispensable in areas where using a conventional rigid wiring duct is difficult
- manufactured from grey polyamide, the wiring duct features an integral male/female tag at each end to allow for continuous runs
- inserting the wiring is very easy and quickly done, and ample room is provided between the webs for wiring branch-outs
- the bases come with punched holes and with or without adhesive tape

- temperature range from -25 °C to +90 °C
- flame-retardant according to UL94-V0, UL-recognized and CSA-certified
- polyamide halogen-free material

VK-Flex pre-drilled

Dimensions				Profile	Pack qty.	Cat. ref.
Depth (mm)	Width (mm)	Length (mm)	Area (mm ²)			
15	11	250	100		40	M5690
22	24	500	154		40	M5691
31	33	500	379		40	M5692
41	44	500	620		40	M5693



M5690



M5691



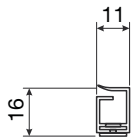
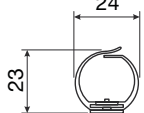
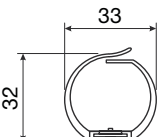
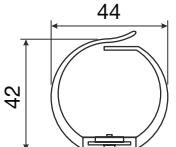
M5692



M5693

Enclosure trunking

VK-Flex pre-drilled with adhesive tape

Dimensions				Profile	Pack qty.	Cat. ref.
Depth (mm)	Width (mm)	Length (mm)	Area (mm ²)			
15	11	250	100		40	L2212
22	24	500	154		40	L2222
31	33	500	379		40	L2232
41	44	500	620		40	L2242



L2212



L2222



L2232



L2242



BA7CUTTER

Tools

- for all slotted trunkings

Description	Pack qty.	Cat. ref.
trunking cutter	1	BA7CUTTER
web cropping tool	1	L6490
trunking scissors	1	L5561



L6490



L5561



L5085

One-piece rivets

Description	Pack qty.	Cat. ref.
Ø 4 mm hole diameter, for 2 mm mounting plate width	100	L5085
Ø 4 mm hole diameter, for 3 mm mounting plate width	100	L5123
Ø 6 mm hole diameter, for 3 mm mounting plate width	100	L5067



L5262



L5263

Rivet drivers

Description	Pack qty.	Cat. ref.
grey, for L5085	1	L5262
red, for L5123	1	L5263
black, for L5067	1	L5264



M5159

Spacers

Description	Pack qty.	Cat. ref.
Ø 25 mm, height 12 mm	50	M51592
Ø 25 mm, height 20 mm	50	M5159



M5164

Bolt collars

Description	Pack qty.	Cat. ref.
to hide M4 to M5 bolt heads	100	M5164



BA7CLIP

Clips

Description	Pack qty.	Cat. ref.
for BA7A, HA7, breakable, for all widths	100	BA7CLIP



ATACOLLE

Glue cartridge

Description	Pack qty.	Cat. ref.
pure white RAL 9010, volume: 0.3 l	1	ATACOLLE



UC969

Clip nuts and M5 bolts

Description	Pack qty.	Cat. ref.
for perforated mounting plates	25	UC969

tehalit.BA7A | BA7B | B7A

Wiring duct	Duct height (mm)	Duct width (mm)	inner cross-section (mm ²)	Max. wiring capacity - fill level 0.4						
				H05 - U/K			H07 - U/R		No 14 - AWG	
				Ø 1 mm ²	Ø 1.5 mm ²	Ø 2.5 mm ²	Ø 2.1 mm ²	Ø 3.3 mm ²		
BA7A25025	25	25	220	14	10	7	8	6		
BA7A / BA7B / B7A 25040	25	40	375	24	18	13	14	11		
BA7A / BA7B / B7A 25080	40	80	642	42	30	21	23	18		
BA7A40025	40	25	462	30	22	15	17	13		
BA7A / BA7B / B7A 40030	40	30	535	35	25	18	19	15		
BA7A / BA7B / B7A 40040	40	40	749	49	35	25	27	21		
BA7A / BA7B / B7A 40060	40	60	1155	75	54	39	42	33		
BA7A / BA7B / B7A 40080	40	80	1557	101	73	52	57	44		
BA7A / BA7B / 40100	40	100	1956	127	91	65	71	56		
BA7A60025	60	25	836	54	39	28	30	24		
BA7A / BA7B / B7A 60030	60	30	1060	69	50	35	39	30		
BA7A / BA7B / B7A 60040	60	40	1404	91	66	47	51	40		
BA7A / BA7B / B7A 60060	60	60	2184	142	102	73	79	62		
BA7A / BA7B / B7A 60080	60	80	2970	193	139	99	108	85		
BA7A / BA7B / 60100	60	100	3746	243	175	125	136	107		
BA7A / BA7B / B7A 60120	60	120	4519	294	211	151	164	129		
BA7A80025	80	25	1202	78	56	40	44	34		
BA7A / BA7B / B7A 80030	80	30	1533	100	72	51	56	44		
BA7A / BA7B / B7A 80040	80	40	2071	135	97	69	75	59		
BA7A / BA7B / B7A 80060	80	60	3243	211	152	109	118	93		
BA7A / BA7B / B7A 80080	80	80	4412	287	206	148	160	126		
BA7A / BA7B / 80100	80	100	5577	362	261	187	203	159		
BA7A / BA7B / B7A 80120	80	120	6737	438	315	226	245	192		
BA7A / BA7B / B7A 100030	100	30	1875	122	88	63	68	54		
BA7A / BA7B / B7A 100040	100	40	2663	173	125	89	97	76		
BA7A / BA7B / B7A 100060	100	60	4239	275	198	142	154	121		
BA7A / BA7B / B7A 100080	100	80	5815	378	272	195	211	166		
BA7A / BA7B / 100100	100	100	7391	480	346	247	269	211		

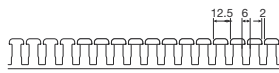
tehalit.HA7

Wiring duct	Duct height (mm)	Duct width (mm)	inner cross-section (mm ²)	Max. wiring capacity - fill level 0.4		
				H05 - U/K		H07 - U/R
				Ø 1 mm ²	Ø 1.5 mm ²	Ø 2.5 mm ²
HA725025	25	25	220	14	10	7
HA725040	25	40	375	24	18	13
HA740025	40	25	462	30	22	15
HA740040	40	40	749	49	35	25
HA740060	40	60	1155	75	54	39
HA740080	40	80	1557	101	73	52
HA740100	40	100	1956	127	91	65
HA760025	60	25	836	54	39	28
HA760040	60	40	1404	91	66	47
HA760060	60	60	2184	142	102	73
HA760080	60	80	2970	193	139	99
HA760100	60	100	3746	243	175	125
HA760120	60	120	4519	294	211	151
HA780025	80	25	1202	78	56	40
HA780040	80	40	2071	135	97	69
HA780060	80	60	3243	211	152	109
HA780080	80	80	4412	287	206	148
HA780100	80	100	5577	362	261	187
HA780120	80	120	6737	438	315	226
HA7100060	100	60	4239	275	198	142
HA7100080	100	80	5815	378	272	195
HA7100100	100	100	7391	480	346	247

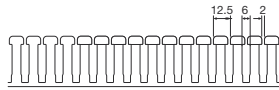
tehalit.VK-flex

Wiring duct	Duct height (mm)	Duct width (mm)	inner cross-section (mm ²)	Max. wiring capacity - fill level 0.4		
				H05 - U/K		H07 - U/R
				Ø 1 mm ²	Ø 1.5 mm ²	Ø 2.5 mm ²
M5690/L2212	15	11	250	10	8	5
M5691/L2222	22	24	500	20	18	13
M5692/L2232	31	33	500	57	46	30
M5693/L2242	41	44	500	101	81	53

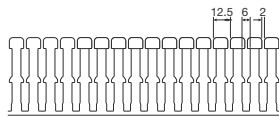
BA7A | HA7
lateral punched openings



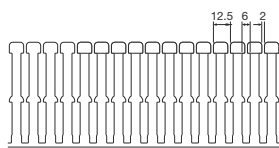
for duct height 25 mm



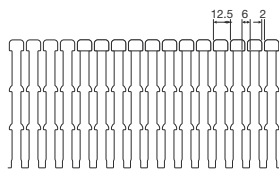
for duct height 40 mm



for duct height 60 mm

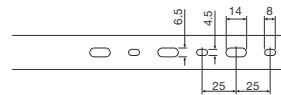


for duct height 80 mm

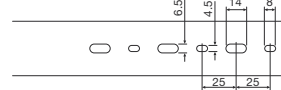


for duct height 100 mm

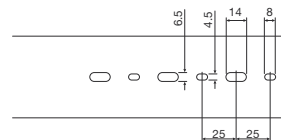
BA7A | BA7B | B7A | HA7
bottom holes EN50085



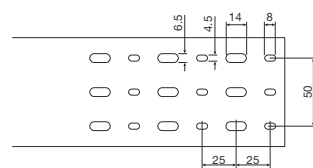
for duct width 25 mm



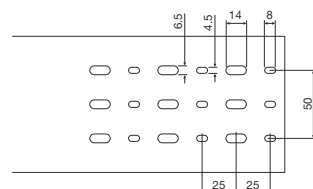
for duct width 40 mm



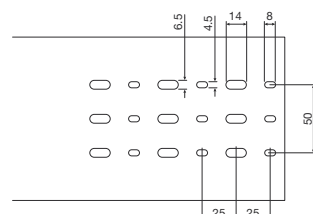
for duct width 60 mm



for duct width 80 mm



for duct width 100 mm

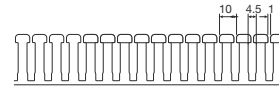


for duct width 120 mm

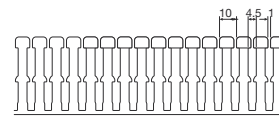
BA7B
lateral punched openings



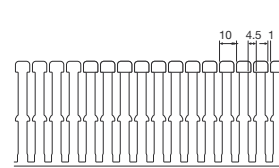
for duct height 25 mm



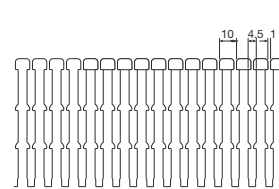
for duct height 40 mm



for duct height 60 mm

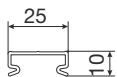


for duct height 80 mm

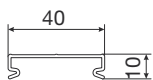


for duct height 100 mm

Cover BA7
for duct height 25 mm

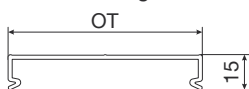


BA70252K for BA7 25 x 25 mm



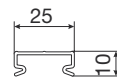
BA70402K for BA7 25 x 40 mm

Cover BA7
from duct height 40 mm

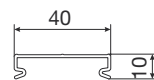


- BA70252 for duct BA7A, BA7B, B7A, width 25 mm
- BA70402 for duct BA7A, BA7B, B7A, width 40 mm
- BA70602 for duct BA7A, BA7B, B7A, width 60 mm
- BA70802 for duct BA7A, BA7B, B7A, width 80 mm
- BA71002 for duct BA7A, BA7B, B7A, width 100 mm
- BA71202 for duct BA7A, BA7B, B7A, width 120 mm

Cover HA7
for duct height 25 mm

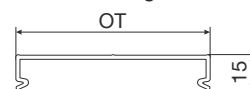


HA70252K for HA7 25 x 25 mm



HA70402K for HA7 25 x 40 mm

Cover HA7
from duct height 40 mm



- HA70252 for duct HA7 width 25 mm
- HA70402 for duct HA7 width 40 mm
- HA70602 for duct HA7 width 60 mm
- HA70802 for duct HA7 width 80 mm
- HA71002 for duct HA7 width 100 mm
- HA71202 for duct HA7 width 120 mm

	Base	Depth (mm)	Width (mm)	Lateral punched openings	Bottom holes
VK Flex 10 mm	M5690 / L2212	15	11		
VK Flex 20 mm	M5691 / L2222	22	24		
VK Flex 30 mm	M5692 / L2232	31	33		
VK Flex 40 mm	M5693 / L2242	41	44		

Materials

Rigid polyvinyl chloride PVC: BA7A, BA7B, B7A

- General-purpose material for use in indoor applications
- Flammability rating UL94-V0
- UL-recognized for continuous use at temperatures up to 50 °C

Halogen-free PC-ABS: HA7

- For use in halogen-free or high temperature applications
- Flammability rating UL94-V0
- UL-recognized for continuous use at temperatures up to 65°C





Polyamide (PA): VK-Flex

- For wiring to cabinet doors, from control panels and for electrical equipment
- Flammability rating UL94-V0
- UL-recognized for continuous use at temperatures up to 65°C

Caution: Do not use any cleaning solvents and cutting fluids containing oil or grease as these may cause stress cracking in the material.

		Material		
		PVC	PC/ABS	Polyamide
Mechanical properties	tensile strength	30 N/mm ²	69 N/mm ²	60 N/mm ²
	impact resistance	4 KJ/m ²	40 KJ/m ²	5 KJ/m ²
Thermal properties	flammability	UL94 - V0 low inflammability	UL94 - V0 self-extinguishing	UL94 - V0 self-extinguishing
	temperature resistance	-5 °C to 60 °C	-25 °C to 90 °C	-25 °C to 90 °C
	dimensional stability acc. to Martens	up to 65 °C acc. to DIN 53458		
Electrical properties	dielectric strength	> 35 kV/mm	> 21 kV/mm	> 35 kV/mm
	surface resistance	> 10 ¹¹ Ω	> 10 ¹⁵ Ω	> 10 ¹¹ Ω
	specific resistance	> 10 ¹⁷ Ω/cm		> 10 ¹⁷ Ω/cm
	dielectric number		≈ 2.7	≈ 2.7

Approval and compliances

Marking	Agency	Complies with	Requirements	Applicable products
	Underwriters Laboratories, Inc.	File No. 48414	UL1565	BA7A, BA7B grey, HA7, VK-Flex
	Canadian Standards Association	File No. 167102	CSA C22.2 No.18.5. "Positioning Devices" CSA C22.2 No.14 "Industrial control equipment"	BA7A, HA7 VK-Flex
 G Nr. A639	Verband Der Elektrotechnik (German Association for Electrical, Electronic & Information Technologies)	EN50085-2-3	Cable trunking and cable ducting systems for electrical installations	BA7A, BA7B, HA7
	Conformité Européenne	Low Voltage Directive 2006/95/EEC	EN50085	BA7A, BA7B, HA7
	DIN Deutsches Institut für Normung (German Institute for Standardization)	DIN 43659	This European standard specifies dimensions for slotted wiring ducts installed in electrical switchgear assemblies, including: - channel mounting hole pattern - slot dimensions - hole pitch and location - distance from first to last like-size mounting hole - minimum overall trunking length	BA7A, BA7B, B7A, HA7
	EN European Fire Test to railway components	EN 45545-2	Fire Test to railway components Requirement for fire behaviour of materials and components	HA7