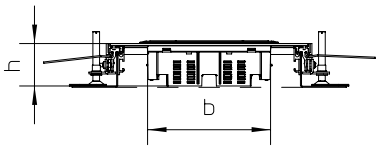
Cable assignment in duct
Technical information

The calculation of the cable volume is the groundwork for the planning process. The cross sections of the selected standard duct types are average values. The calculation is based on a duct filling factor of no more than 60%. Note reduction in the cross-section by the installation depth of device cup and installation unit. For power load see DIN VDE 0100/0298.

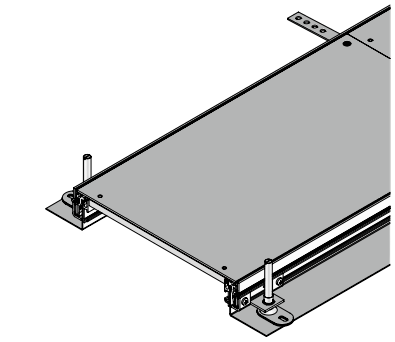
Minimum installation cross section for one installation unit

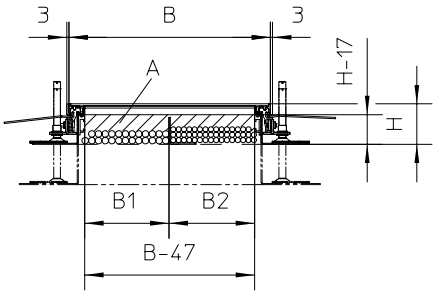


	h mm	b mm	a cm²
BODO T	100	118	118
UEKD2-R	65	240	156
UEKD2-V	65	184	120
UEKD3-R	65	300	195
UEKD3-V	65	256	166
UEDD V E	70	230	161
UEKDD2 V E	70	155	109
UEKDD1-2 V E	70	130	91

UEBS screed-flush duct with side profile

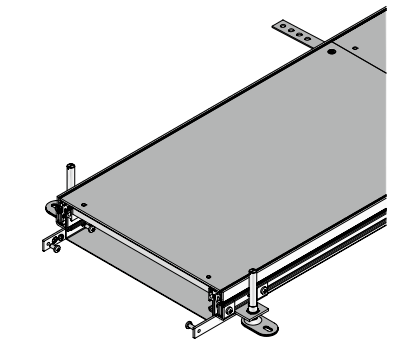
							B1 / power circuit line 3 x 2,5mm²		B2 / data line Cat.6	
article number	H -17 mm	B -47 mm	A cm²	B mm	B1 mm	B2 mm	Number Ø 10 mm	pay cross section cm²	Number Ø 8 mm	pay cross section cm²
S										
UEBS 60-20S	43	154	66	200	76	76	20	1	31	0,64
	63	154	97	200	76	76	29	1	45	0,64
	83	154	128	200	76	76	38	1	60	0,64
	133	154	205	200	76	76	61	1	96	0,64
UEBS 60-30S	43	254	109	300	126	126	33	1	51	0,64
	63	254	160	300	126	126	48	1	75	0,64
	83	254	211	300	126	126	63	1	99	0,64
	133	254	338	300	126	126	101	1	158	0,64
UEBS 60-40S	43	354	152	400	176	176	46	1	71	0,64
	63	354	223	400	176	176	67	1	105	0,64
	83	354	294	400	176	176	88	1	138	0,64
	133	354	471	400	176	176	141	1	221	0,64

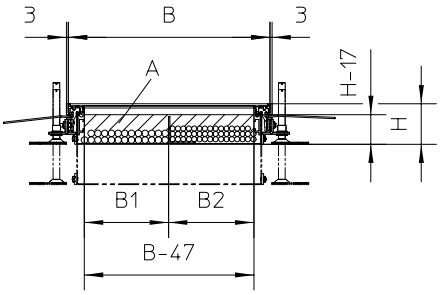




UEBSMSW screed-flush duct with tub

							B1 / power circuit line 3 x 2,5mm²		B2 / data line Cat.6	
article number	H -17 mm	B -47 mm	A cm²	B mm	B1 mm	B2 mm	Number Ø 10 mm	pay cross section cm²	Number Ø 8 mm	pay cross section cm²
S										
UEBSMSW 60-20S	43	154	66	200	76	76	20	1	31	0,64
	63	154	97	200	76	76	29	1	45	0,64
	83	154	128	200	76	76	38	1	60	0,64
	133	154	205	200	76	76	61	1	96	0,64
UEBSMSW 60-30S	43	254	109	300	126	126	33	1	51	0,64
	63	254	160	300	126	126	48	1	75	0,64
	83	254	211	300	126	126	63	1	99	0,64
	133	254	338	300	126	126	101	1	158	0,64
UEBSMSW 60-40S	43	354	152	400	176	176	46	1	71	0,64
	63	354	223	400	176	176	67	1	105	0,64
	83	354	294	400	176	176	88	1	138	0,64
	133	354	471	400	176	176	141	1	221	0,64

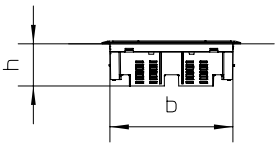




Cable assignment in duct
Technical information

The calculation of the cable volume is the groundwork for the planning process. The cross sections of the selected standard duct types are average values. The calculation is based on a duct filling factor of no more than 60% with a floor box space of max. 8m. Note reduction in the cross-section by the installation depth of device cup and installation unit. For power load see DIN VDE 0100/0298.

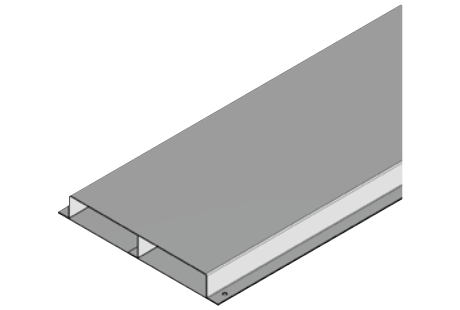
Minimum installation cross section for one installation unit

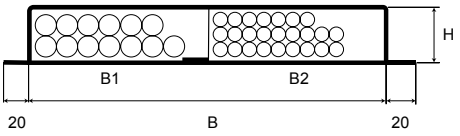


	h mm	b mm	a cm²
BODO T	100	118	118
UEKD2-R	65	240	156
UEKD2-V	65	184	120
UEKD3-R	65	300	195
UEKD3-V	65	256	166
UEDD V E	70	230	161
UEKDD2 V E	70	155	109
UEKDD1-2 V E	70	130	91

UK screed covered duct, 2 compartments

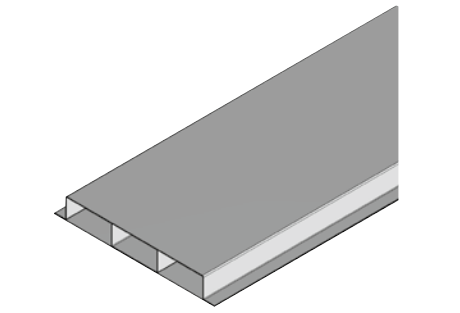
				B1 / power circuit line 3 x 2,5mm²				B2 / data line Cat.6	
article number	H mm	B mm	A cm²	B1 mm	B2 mm	Number Ø 10 mm	pay cross section cm²	Number Ø 8 mm	pay cross section cm²
S									
UK 2-28-190S	28	190	53	94	94	16	1	25	0,64
UK 2-28-250S	28	250	70	124	124	21	1	33	0,64
UK 2-28-350S	28	350	98	173	173	29	1	45	0,64
UK 2-38-190S	38	190	72	94	94	21	1	33	0,64
UK 2-38-250S	38	250	95	124	124	28	1	44	0,64
UK 2-38-350S	38	350	133	173	173	39	1	62	0,64
UK 2-48-190S	48	190	91	94	94	27	1	42	0,64
UK 2-48-250S	48	250	120	124	124	36	1	56	0,64
UK 2-48-350S	48	350	168	173	173	50	1	78	0,64

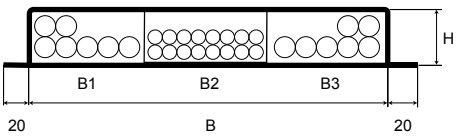




UKL screed covered duct, 3 compartments

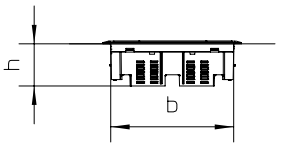
				B1 & B3 / power circuit line 3 x 2,5mm²					B2 / data line Cat.6	
article number	H mm	B mm	A cm²	B1 mm	B2 mm	B3 mm	Number Ø 10 mm	pay cross section cm²	Number Ø 8 mm	pay cross section cm²
S										
UKL 3-28-250S	28	250	70	82	83	82	14	1	22	0,64
UKL 3-28-350S	28	350	98	116	116	116	19	1	30	0,64
UKL 3-38-250S	38	250	95	82	83	82	19	1	30	0,64
UKL 3-38-350S	38	350	133	116	116	116	26	1	41	0,64
UKL 3-48-250S	48	250	120	82	83	82	24	1	37	0,64
UKL 3-48-350S	48	350	168	116	116	116	33	1	52	0,64





The calculation of the cable volume is the groundwork for the planning process. The cross sections of the selected standard duct types are average values. The calculation is based on a duct filling factor of no more than 60%. Note reduction in the cross-section by the installation depth of device cup and installation unit. For power load see DIN VDE 0100/0298.

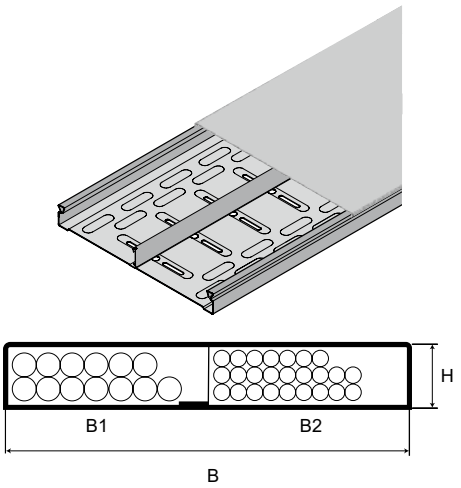
Minimum installation cross section for one installation unit



	h mm	b mm	a cm²
BODO T	100	118	118
UEKD2-R	65	240	156
UEKD2-V	65	184	120
UEKD3-R	65	300	195
UEKD3-V	65	256	166
UEDD V E	70	230	161
UEKDD2 V E	70	155	109
UEKDD1-2 V E	70	130	91

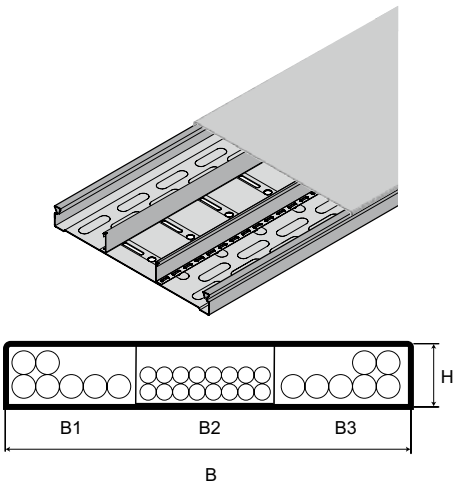
UKR 2 cable duct bottom piece, 2 compartments

				B1 / power circuit line 3 x 2,5mm²				B2 / data line Cat.6	
article number	H mm	B mm	A cm²	B1 mm	B2 mm	Number Ø 10 mm	pay cross section cm²	Number Ø 8 mm	pay cross section cm²
S									
UKR 35-30S	35	300	105	149	149	31	1	49	0,64



UKR 3 cable duct bottom piece, 3 compartments

							B1 & B3 / power circuit line 3 x 2,5mm²		B2 / data line Cat.6	
article number	H mm	B mm	A cm²	B1 mm	B2 mm	B3 mm	Number Ø 10 mm	pay cross section cm²	Number Ø 8 mm	pay cross section cm²
S										
UKR 35-40S	35	400	140	132	132	132	28	1	43	0,64
UKR 35-50S	35	500	175	165	165	165	35	1	54	0,64
UKR 60-40S	60	400	240	132	132	132	48	1	74	0,64
UKR 60-50S	60	500	300	165	165	165	59	1	93	0,64
UKR 85-40S	85	400	340	132	132	132	67	1	105	0,64
UKR 85-50S	85	500	425	165	165	165	84	1	131	0,64
UKR 110-40S	110	400	440	132	132	132	87	1	136	0,64
UKR 110-50S	110	500	550	165	165	165	109	1	170	0,64



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