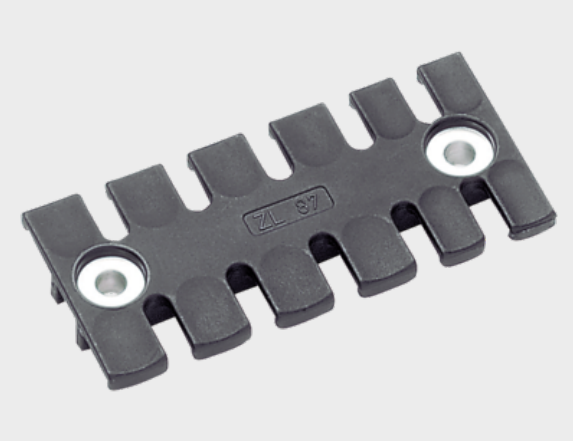
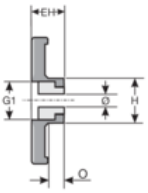
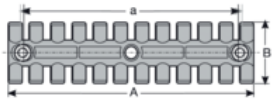
Strain relief type ZL-AH







Product information

The ZL-AH strain relief plates are based on the ZL strain relief plate. By inserting the aluminum grommets, the ZL strain relief plate is free of fastening forces.

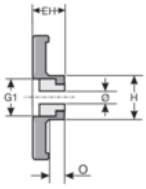
- Approved for railway technology (EN 45545-2 / NFPA 130)

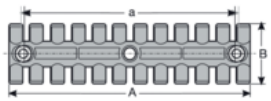
Information, conformities and approvals

Article	Order No.	Color	No. Cables	PU pcs.
with aluminum grommets, assembly with M4 screws				
ZL-AH 39/4	87701255	Black	3	1
ZL-AH 60/4	87701256	Black	4	1
ZL-AH 87/4	87701257	Black	6	1
ZL-AH 103/4	87701258	Black	7	1
ZL-AH 121/4	87701259	Black	8	1
ZL-AH 140/4	87701260	Black	9	1
ZL-AH 180/4	87701261	Black	12	1
with aluminum sleeve, assembly with M5 screws				
ZL-AH 39	87701230	Black	3	1
ZL-AH 60	87701232	Black	4	1
ZL-AH 87	87701234	Black	6	1
ZL-AH 103	87701236	Black	7	1

Strain relief type ZL-AH

Article	Order No.	Color	No. Cables	PU pcs.
ZL-AH 121	87701238	Black	8	1
ZL-AH 140	87701240	Black	9	1
ZL-AH 180	87701242	Black	12	1
with aluminum grommets, assembly with M6 screws				
ZL-AH 39/6	87701262	Black	3	1
ZL-AH 60/6	87701263	Black	4	1
ZL-AH 87/6	87701264	Black	6	1
ZL-AH 103/6	87701265	Black	7	1
ZL-AH 121/6	87701266	Black	8	1
ZL-AH 140/6	87701267	Black	9	1
ZL-AH 180/6	87701268	Black	12	1





Article	Order No.	A mm	a mm	B mm	EH mm	G1 mm	H mm	O mm	Ø Mounting mm
ZL-AH 39/4	87701255	38.5	19.5	40	10	12	14	6	4.2
ZL-AH 60/4	87701256	59.5	43.5	40	10	12	14	6	4.2
ZL-AH 87/4	87701257	86.5	68	40	10	12	14	6	4.2
ZL-AH 103/4	87701258	102.5	84	40	10	12	14	6	4.2
ZL-AH 121/4	87701259	121	102.5	40	10	12	14	6	4.2
ZL-AH 140/4	87701260	139.5	121	40	10	12	14	6	4.2
ZL-AH 180/4	87701261	180	157	42	11.5	12	16	8.5	4.2
with aluminum sleeve, assembly with M5 screws									

Strain relief type ZL-AH

Article	Order No.	A mm	a mm	B mm	EH mm	G1 mm	H mm	O mm	Ø Mounting mm
ZL-AH 39	87701230	38.5	19.5	40	10	12	14	6	5.5
ZL-AH 60	87701232	59.5	43.5	40	10	12	14	6	5.5
ZL-AH 87	87701234	86.5	68	40	10	12	14	6	5.5
ZL-AH 103	87701236	102.5	84	40	10	12	14	6	5.5
ZL-AH 121	87701238	121	102.5	40	10	12	14	6	5.5
ZL-AH 140	87701240	139.5	121	40	10	12	14	6	5.5
ZL-AH 180	87701242	180	157	42	11.5	12	16	8.5	5.5
with aluminum grommets, assembly with M6 screws									
ZL-AH 39/6	87701262	38.5	19.5	40	10	12	14	6	6.5
ZL-AH 60/6	87701263	59.5	43.5	40	10	12	14	6	6.5
ZL-AH 87/6	87701264	86.5	68	40	10	12	14	6	6.5
ZL-AH 103/6	87701265	102.5	84	40	10	12	14	6	6.5
ZL-AH 121/6	87701266	121	102.5	40	10	12	14	6	6.5
ZL-AH 140/6	87701267	139.5	121	40	10	12	14	6	6.5
ZL-AH 180/6	87701268	180	157	42	11.5	12	16	8.5	6.5

Material properties

Bar: Polyamide 6.6
Insert bushing: Aluminium Polyamide 6.6
Aluminium

Thermal properties

Temperature / temperature range

-45 °C – 125 °C

Fire properties

Fire classification

V0

Fire properties as per EN 45545-2

C.I.T. R22 / R23 HL3 :0,44 EN 17084
Ds (max.) R22 / R23 HL3 :≥ 32 % ISO 4589-2

Strain relief type ZL-AH

Fire properties

LOI R22 / R23 HL3 :59 ISO 5659-2

Fire properties as per NFPA

yes

Technical information

Halogen-free

LABS free

According to ISO 4892-2

Assembly method

Strain relief

Conformity

RoHS (EC Directive 2011/65/EU)

Approvals and operating permits

EU railway approval

Classification

ETIM 10: EC000322
ECLASS 14: 27400604