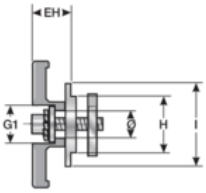
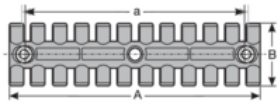
Strain relief type ZL-SW







Product information

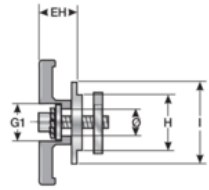
The ZL-SW strain relief plates are based on the ZL strain relief plate. The embedded brass discs hinder the cold flow deformation properties of the plastic under heavy and permanent vibration, thereby preventing the screwed connection from loosening by itself. Slot nuts and bolts enable simple assembly on C-rails with 12mm slot and inner width 26mm.

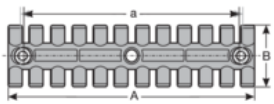
- Very fast installation
- Orderly routing of the cable
- Simple and effective strain relief through cable ties
- Micro-encapsulated PreCOTE thread coating serves as an added locking element
- Approved for railway technology (EN 45545-2 / NFPA 130)

Information, conformities and approvals

HF · LABS · UV ISO 4892-2 · RoHS · EU · Made in Germany

Article	Order No.	Color	No. Cables	PU pcs.
ZL-SW 39	87702410	Black	3	1
ZL-SW 60	87702412	Black	4	1
ZL-SW 87	87702414	Black	6	1
ZL-SW 103	87702416	Black	7	1
ZL-SW 121	87702418	Black	8	1
ZL-SW 140	87702420	Black	9	1
ZL-SW 180/6	87702422	Black	12	1





Strain relief type ZL-SW

Article	Order No.	A mm	a mm	B mm	EH mm	G1 mm	H mm	I mm	Ø Mounting mm
ZL-SW 60	87702412	59.5	43.5	40	12	12	11.6	18	6.2
ZL-SW 87	87702414	86.5	68	40	12	12	11.6	18	6.2
ZL-SW 103	87702416	102.5	84	40	12	12	11.6	18	6.2
ZL-SW 121	87702418	121	102.5	40	12	12	11.6	18	6.2
ZL-SW 140	87702420	139.5	121	40	12	12	11.6	18	6.2
ZL-SW 180/6	87702422	180	157	42	13.5	12	11.6	18	6.2

Material properties

Polyamide 6.6

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
LOI R22 / R23 HL3 :59 ISO 5659-2

Resistant to:

Alcohol
Greases
Fuels
Lyes
Mineral oils
Weak acids

Technical information

Halogen-free

Strain relief type ZL-SW

Technical information

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
UNSPSC 26.0801: 39121719

General information

Made in Germany