

TECHNICAL DATA SHEET

PMACLIP - BVH - System support

System support

PMA



CE UK
CA

Applications:

- In machine building and installation applications particularly in electrical cabinets

Features & Benefits:

- Mounting alternatives through six hole fastening
- Completely safe against turning/movement
- Optimal strain relief due to integrated rib
- Maximum security with additional safety clip
- Excellent impact strength
- Self-extinguishing
- fits both conduit profiles - fine (T) and coarse (G)

Materials:

- High-grade, specially formulated polyamide 6

Compatible with:

- PMAFLEX Pro Conduits
- PMAFLEX Multilayer Conduits
- PMAFLEX Conduits
- PMA Smart Line Conduits

Conforms to:

- EN 45545-2 HL3 (R22 & R23)
- NFPA 130
- UL 94 (V0)

Weathering resistance:

- Very good UV resistance and weathering characteristics

Colour:

- Black

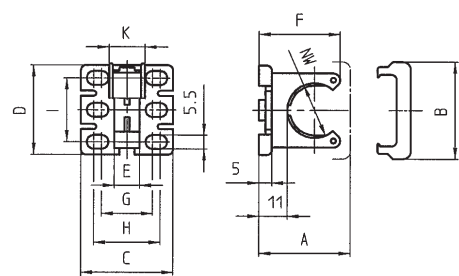
Chemical properties:

- Please refer to www.pma.ch
(Technical Information / Chemical Resistance)

Product selection:

Part no.			Conduit size	Dimensions in mm (nom.)										Weight	Packing unit
black support clip (complete)			NW	A	B	C	D	E	F	G	H	I	K	kg/100 pcs	pcs/PU
BVH-17-000	BVH-17-010	BVH-17-020	17	36	38	38	35	11	32	20	25	25	16	0.9	100
BVH-23-000	BVH-23-010	BVH-23-020	23	44	44	44	35	11	40	20	25	25	16	1.1	100
BVH-29-000	BVH-29-010	BVH-29-020	29	52	52	52	46	11	48	20	30	35	16	1.5	100
BVH-36-000	BVH-36-010	BVH-36-020	36	58	62	62	53	15	54	34	50	40	20	2.4	100
BVH-48-000	BVH-48-010	BVH-48-020	48	72	77	77	66	15	68	34	50	45	20	3.2	60

Our customer service dept. or local distribution partner will be pleased to help you concerning product availability and lead time



Mechanical Properties:	Value:	Test parameters:	Test method:
Tensile modulus	1'200 ... 3'700 N/mm ²		ISO 527
Tensile strength	45 ... 65 N/mm ²		ISO 527
Notched bar impact test	4 ... 20 kJ/m ²		ISO 180/1C
Vibration and shock standard	Cat. 2	IEC 61373, IEC 60068-2-27 / -64	

Thermal properties:	Value:	Test parameters:	Test method:
Continuous application temperature	-50 ... +105°C		PMA DO 9.21-4510
Upper application temperature	+120°C	(20'000 h)	PMA DO 9.21-4360
Short-term	+160°C	(168 h)	PMA DO 9.21-4360

Fire safety properties:	Value:	Test parameters:	Test method:
Fire performance	non flame-propagating		IEC EN 61386-1
Flame class	V0		UL 94

Fire hazard level	HL3		EN 45545-2 (R22)
Oxygen index	> 32 %		EN ISO 4589-2
Smoke density	< 150 Ds max.		EN ISO 5659-2 (25 kW/m ²)
Toxicity	< 0.75 CIT _{NLP}		NF X 70-100-1/-2: (600°C)

Fire hazard level	HL3		EN 45545-2 (R23)
Oxygen index	> 32 %		EN ISO 4589-2
Smoke density	< 300 Ds max.		EN ISO 5659-2 (25 kW/m ²)
Toxicity	< 1.5 CIT _{NLP}		NF X 70-100-1/-2: (600°C)

Fire performance NFPA 130:			NFPA 130
- Flammability	compliant		ASTM E 162
- Smoke density	compliant		ASTM E 662

Heat and visible smoke	26.00 MJ/kg		ASTM E 1354
Smoke emission toxicity	compliant		Bombardier SMP 800-C
Smoke emission toxicity	compliant		Boeing BSS 7239

Content of delivery:

- System support

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Assembly instructions:

- Please consider the appropriate assembly instructions on www.pma.ch

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