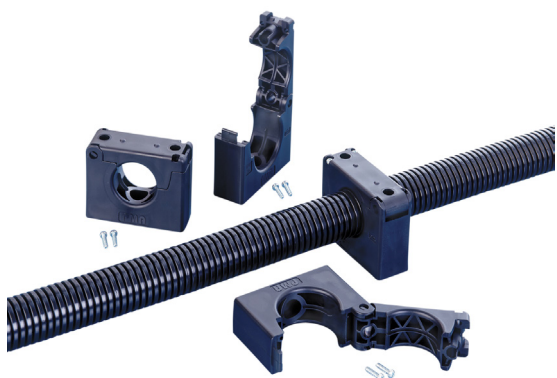


TECHNICAL DATA SHEET

PMA Accessories - BGPS - System support

One-piece, stackable series of sytem supports

PMA



Applications:

- In railway vehicle construction, heavy machine building industry and other applications with increased mechanical requirements

Features & Benefits:

- One-piece construction & stackable
- Very high impact resistance
- Heavy design, high retention forces
- Applicable with standard metal C rails
- Easy pre-installation by conduit snap-in
- Clasp for easy pre-mounting and final assembly
- Very good chemical properties
- 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)

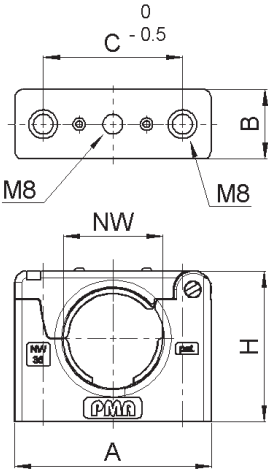
Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

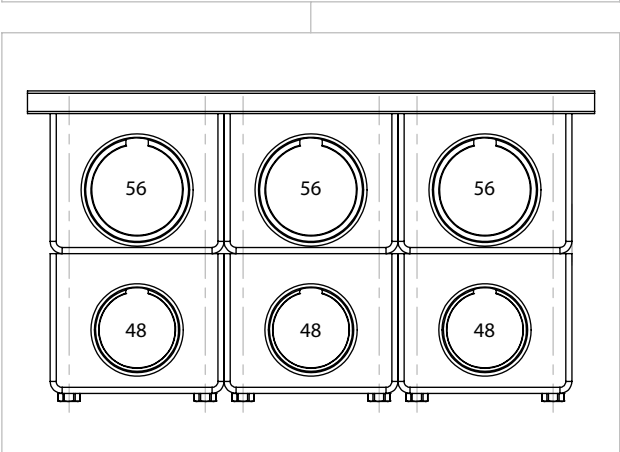
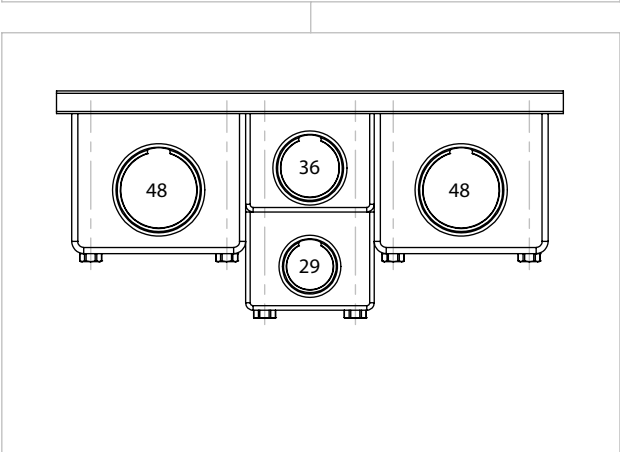
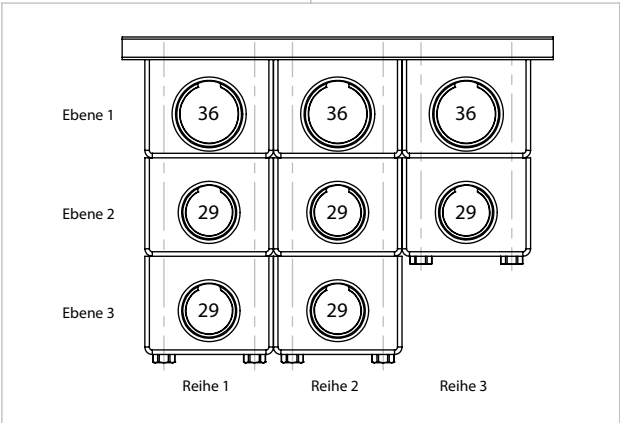
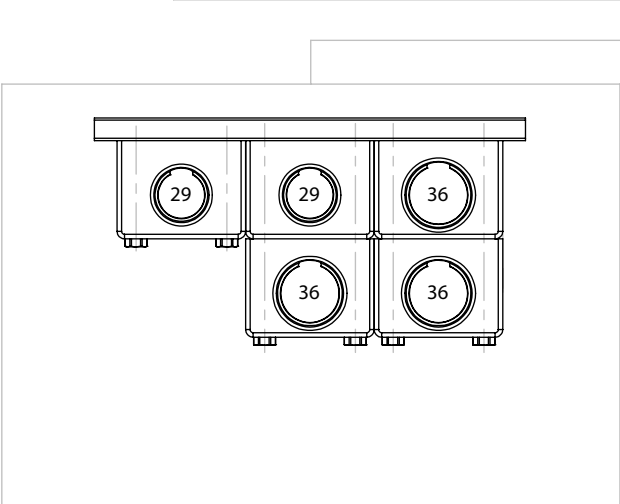
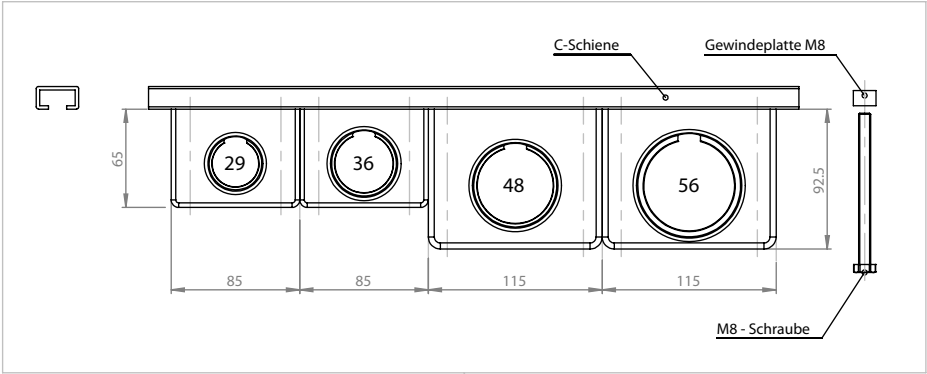
Product selection:

Part no.	Conduit size	Dimensions in mm (nom.)				Weight	Packing unit
black	NW	H	A	B	C	kg/100 pcs	pcs/PU
* BGPS-12/01	12	51.0	70.0	30.0	45.0	7.2	30
BGPS-17	17	51.0	70.0	30.0	45.0	6.5	30
BGPS-23	23	51.0	70.0	30.0	45.0	6.1	30
BGPS-29	29	65.0	85.0	30.0	60.0	9.7	20
BGPS-36	36	65.0	85.0	30.0	60.0	8.8	10
BGPS-48	48	92.5	115.0	30.0	90.0	19.2	10
BGPS-56	56	92.5	115.0	30.0	90.0	16.8	10

* This size will be delivered with a half-shell insert. Diese Grösse wird mit einem Halbschalen-Einsatz geliefert.
Our customer service dept. or local distribution partner will be pleased to help you concerning product availability and lead time



Mounting Possibilities



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)

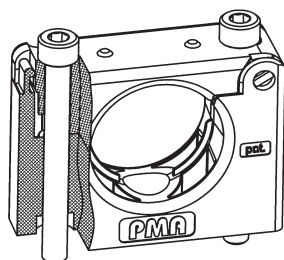
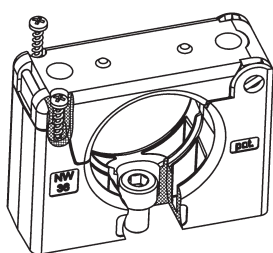
Fire hazard level	HL3		EN 45545-2 (R23)
Oxygen index	> 32 %		EN ISO 4589-2
Smoke density	< 300 Ds max.		EN ISO 5659-2 (25 kW/m ²)
Toxicity	< 1.5 CIT _{NLP}		NF X 70-100-1/-2: (600°C)

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 7241

Content of delivery:

- System support
- 2 pcs PT screws stainless steel V2A



Assembly instructions:

- The following combinations of nominal widths are stackable:
NW12 with NW17 + NW23
NW17 with NW23
NW29 with NW36
NW48 with NW56

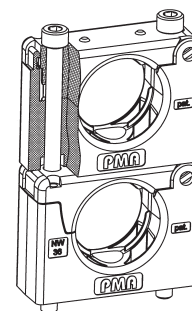


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Northern Connectors Ltd.

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