

**RS 90**  
**AP 90 BK 2029**

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**Flexible - More flexible - Profilform**

Modular housings in profile form - the flexible modular system comprising coloured and transparent plastic profiles and carrier modules

The combination of standard pitches mounted side by side in any arrangement and metre goods cut accurate to the millimetre creates the perfect balance between flexibility and economic efficiency:

- Pitch profiles with standard widths ranging from 5mm to 45mm allow the mounting of all standard PCB formats.
- Variable heights ensure maximum component density, even with larger electronics components.
- The different installation variations mean that mounting the enclosure directly is as easy as clipping components onto the terminal rail
- Solid hoods protect the module reliably from external influences

The recipe for success: variable profile + modular form components = flexible enclosure concept that offers a large surface area for the PCBs.

The modular concept is designed for modules with high space requirements and suitable for small component quantities and different widths.

**General ordering data**

Type	AP 90 BK 2029
Order No.	<a href="#">1168820000</a>
Version	Electronics housings, RS 90 black, End plate, Width: 5 mm
GTIN (EAN)	4032248960439
Qty.	20 pc(s).

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**Technical data****Dimensions and weights**

Length	84.4 mm	Length (inches)	3.323 inch
Width	5 mm	Width (inches)	0.197 inch
Height	16.9 mm	Height (inches)	0.665 inch
Net weight	2.5 g		

**System characteristics**

Version	End plate	Cross-connection	No
Contact to terminal rail	No	Protection degree	IP20
Encapsulation option	No		

**Material data**

Insulating material	PA 66	Colour	black
Colour chart (similar)	RAL 9011	CTI	≥ 600
UL 94 flammability rating	V-2	Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C	Max. relative humidity during storage	80 %
Operating temperature, min.	-50 °C	Operating temperature, max.	100 °C
Temperature range, installation, min.	-25 °C	Temperature range, installation, max.	100 °C

**Classifications**

ETIM 5.0	EC001031	ETIM 6.0	EC001031
eClass 6.2	27-18-08-02	eClass 7.1	27-18-27-02
eClass 8.1	27-18-27-02	eClass 9.0	27-18-27-90
eClass 9.1	27-18-27-90		

**Notes**

## Notes

Descriptive text technical data

**Dimensions of the PCB:****Thickness: 1.6 (± 0.2) mm, width: 79.8 (+0.2) mm****Dimension of RS section = PCB length - 4.5 mm****Example:****PCB length 160 mm, RS section = 155.5 mm****Approvals**

ROHS	Conform
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**Downloads**

Brochure/Catalogue	<a href="#">FL ANALO.SIGN.CONV.EN</a> <a href="#">MB DEVICE MANUF.EN</a> <a href="#">FL MACHINE SAFETY EN</a> <a href="#">FL 72H SAMPLE SER EN</a> <a href="#">PO OMNIMATE EN</a>
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**Data sheet**

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**Drawings**

