Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

RS 100
PF RS 100 OR 2000MM A.1
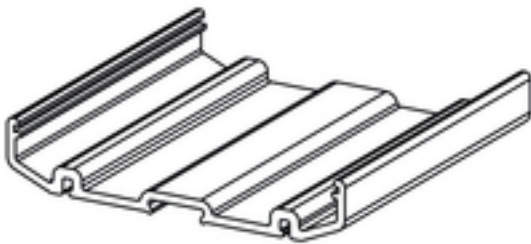
Flexible - More flexible - Profilform

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	PF RS 100 OR 2000MM A.1
Order No.	4144870000
Version	Electronics housings, RS 100 Orange, Extruded profile, Width: 104 mm
GTIN (EAN)	4008190377410
Qty.	2 m

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Technical data

Dimensions and weights

Length	2,000 mm	Length (inches)	78.74 inch
Width	104 mm	Width (inches)	4.094 inch
Height	24 mm	Height (inches)	0.945 inch
Net weight	560 g		

System characteristics

Version	Extruded profile	Number of PCBs per module	1
PCB thickness	1.6 mm	Tolerance for the PCB shape	±0.2
Cross-connection	No	Contact to terminal rail	No
Protection degree	IP20	Encapsulation option	No

Material data

Insulating material	PVC	Colour	Orange
Colour chart (similar)	RAL 2000	CTI	≥ 600
UL 94 flammability rating	V-0	Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C	Max. relative humidity during storage	80 %
Operating temperature, min.	-50 °C	Operating temperature, max.	60 °C
Temperature range, installation, min.	-25 °C	Temperature range, installation, max.	60 °C

Classifications

ETIM 3.0	EC001284	ETIM 5.0	EC002848
ETIM 6.0	EC002779	UNSPSC	30-21-18-01
eClass 6.2	27-14-11-43	eClass 7.1	27-14-92-14
eClass 8.1	27-14-92-14	eClass 9.0	27-14-11-92
eClass 9.1	27-18-27-90		

Notes

Notes	
Descriptive text technical data	
	3 heights are available for the cover profile and the end plates:
	TS mounting without cover: TS 32 = 45 mm, TS 35x7.5 = 40.5 mm
	TS mounting with low cover: TS 32 = 89 mm, TS 35x7.5 = 84.5 mm
	TS mounting with high cover: TS 32 = 121 mm, TS 35x7.5 = 116.5 mm
	Direct mounting, without/low/high cover: 24 / 69 / 99 mm
	Dimensions of the PCB
	Thickness: 1.6 (±0.2) mm, width: 100 (+0.5) mm
	Dimension of RS section = PCB length - 4.5 mm
	Dimension of ADP section = PCB length - 1 mm
	Example:
	PCB length 160 mm, RS = 155.5 mm, ADP = 159 mm

Approvals

ROHS	Conform

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Technical data

Downloads

Brochure/Catalogue	FL ANALO.SIGN.CONV. EN
	MB DEVICE MANUF. EN
	CAT 2 PORTFOLIOGUIDE EN
	FL MACHINE SAFETY EN
	FL 72H SAMPLE SER EN
	PO OMNIMATE EN

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Drawings

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Catalogue status 06.04.2018 / We reserve the right to make technical changes.

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