

Wall Mounted Enclosures
EMC Range
Single door | MASE

IP 54 | TYPE 12 | IK 10



Material:

Body: 1.2 mm zinc plated steel / 1.4 mm MASE0606021R5 and above.
 Door: 1.2 mm zinc plated steel / 1.4 mm MASE0606021R5 and above / 1.8 mm MASE1006026R5 and above.
 Mounting plate: 2 mm galvanized steel.

Body:

Folded and seam welded. Four 8.5 mm diameter holes for wall fixing, pressed out in 20.4 mm diameter x 2 mm depressions to allow air circulation around the rear part of the enclosure.

Door:

Surface mounted with 130° opening. Concealed removable hinges with captive pin. Hinges are mounted for right hand opening only. From size MASE0505021R5 and above there are two removable mounting profiles on the door. Sealing is ensured by a conductive EMC gasket.

Lock:

Chrome plated double-bit lock with 3 mm insert and 90° movement. 1000 mm high enclosures and above have espagnolette three point locking system.

Mounting plate:

The mounting plate is marked vertically at 10 mm intervals for easy horizontal positioning of equipment. On the top and bottom are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides from 800 mm and above are strengthened by folded edges. By using the AMG accessory the mounting plate can be adjusted to any depth.

Gland Plate Opening:

No gland plate opening for a maximum EMI protection.

Earthing:

The door is earthed by means of a separate earthing stud M8.

Finish:

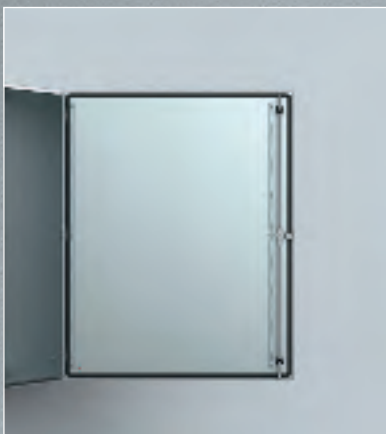
RAL 7035 structure powder coating on the outside only.

Protection:

Complies with IP 54 | TYPE 12 | IK 10.

Delivery:

Zinc plated enclosure body and door, painted on the outside. Door equipped with EMI conductive gasket. Two door mounting profiles from size MASE0505021R5 and above. Earthing facilities.



Dimensional table | MASE

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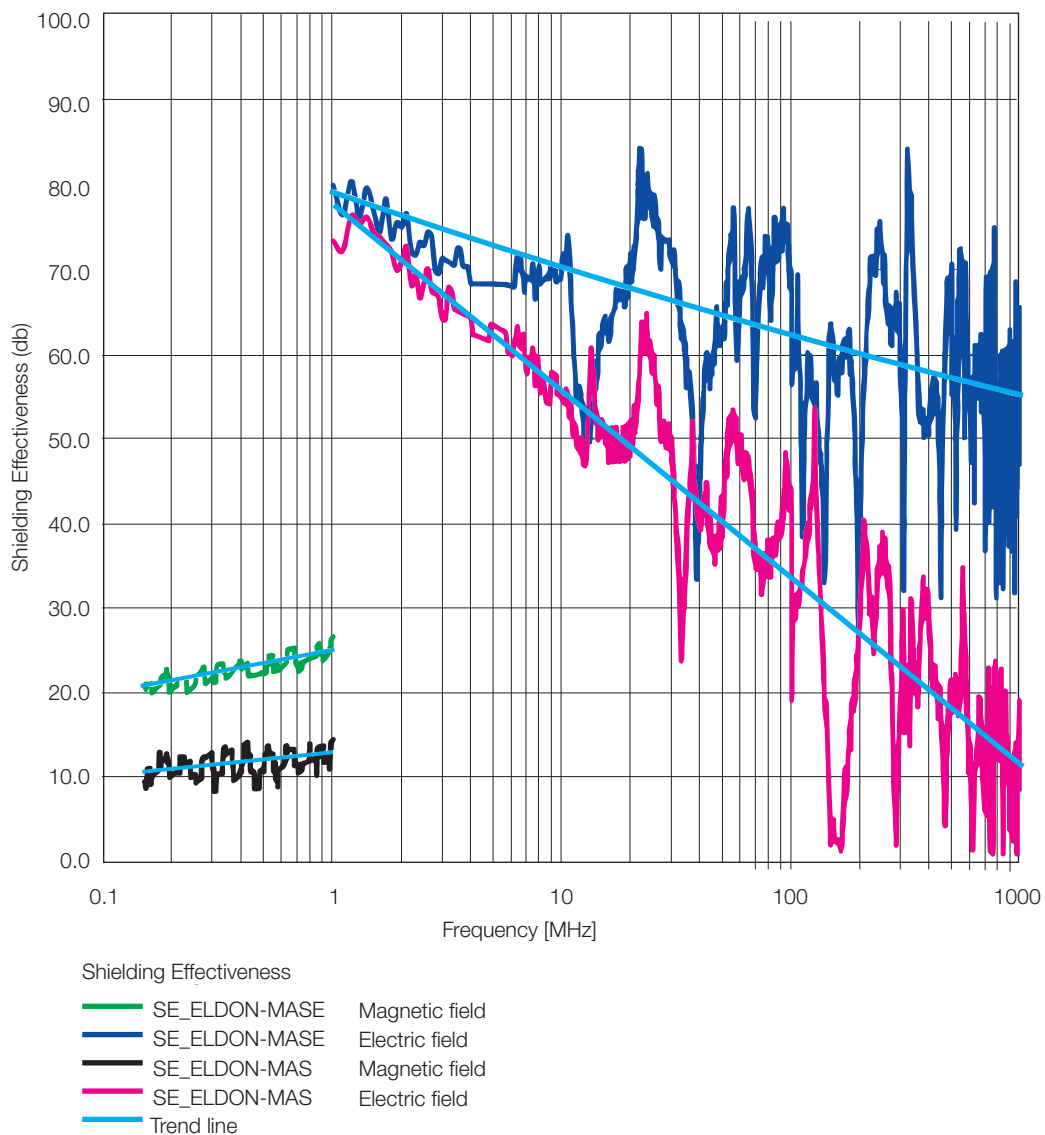
Enclosure dimensions			Mounting plate dimensions		Usable depth	N° of locks	Item no.
H	W	D	h	w	d		
400	400	210	370	350	192	1	MASE0404021R5
400	600	210	370	550	192	1	MASE0406021R5
600	600	210	570	550	192	2	MASE0606021R5
1000	800	300	970	750	282	1*	MASE1008030R5

* 3 point espagnolette locking.

All the MAS standard sizes are available in EMC version on request.

MASE: From 200/200/155 mm to 1200/800/400 mm. e.g. MASE0606021R5, EMC single door enclosure 600x600x210 mm.
For more details please see MAS table.

Dimensional drawing | MASE



EMC Filter fans, EFE

Description: EMC capable filter fan. Special EMC screen in combination with stainless steel contact strips guarantee good contact with enclosure surface. Cutting edge surface of the enclosure needs to be blank for contact. Long service life.

Material: Plastic, UL 94-VO. EMC screen: stainless steel, contact strips.

Pack quantity: 1 fan with filter.

IP	Power (W)	Cut out dim.	Air flow m ³ /h	Filter	Item no.
54	19	126.5 x 126.5	61	44	EFE200R5
54	19	178 x 178	110	82	EFE220R5
54	19	224 x 224	156	116	EFE250R5
54	45	224 x 224	256	231	EFE300R5
54	115	292 x 292	480	370	EFE500R5
54	115	292 x 292	640	445	EFE600R5
54	169	292 x 292	845	560	EFE700R5

Air flow = Free air flow (m³/h).

Filter = Air flow filter fan + exhaust filter (m³/h).



EMC Exhaust filter, EFAE

Description: Suitable for specific EMC enclosures. Cutting edge surface of the enclosure needs to be blank for contact.

Material: Plastic, UL 94-VO. EMC screen: stainless steel, contact strips.

Approvals: cULus listed.

Protection: Standard IP 54.

Pack quantity: 1 filter with housing.

Note: IP 55 models on request: UV resistant.

IP	Cut out dim.	Item no.
54	126.5 x 126.5	EFAE200R5
54	178 x 178	EFAE220R5
54	224 x 224	EFAE250-300R5
54	292 x 292	EFAE500-700R5

