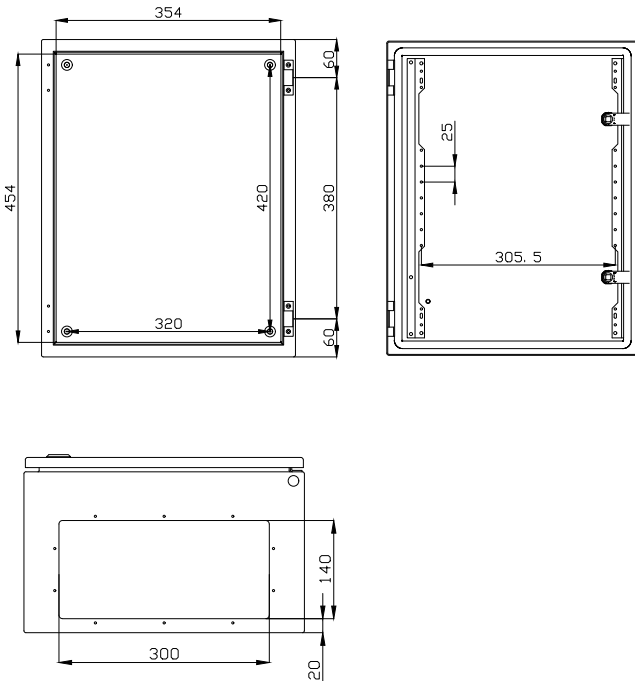


## Metalclad Changeover Switch IP55M

Type: GCO3125IP55M (3 Pole)



Thermal current $I_{th}$ at 40°C	125 A
Rated insulation voltage $U_i$ (V)	800
Rated impulse withstand voltage $U_{imp}$ (kV)	8

### Rated operational currents $I_e$ (A)

Rated voltage	Utilisation category	A/B <sup>(1)</sup>
415 VAC	AC-20 A / AC-20 B	125/125
415 VAC	AC-21 A / AC-21 B	125/125
415 VAC	AC-22 A / AC-22 B	125/125
415 VAC	AC-23 A / AC-23 B	125/125
220 VDC	DC-20 A / DC-20 B	125/125
220 VDC	DC-21 A / DC-21 B	125/125
220 VDC	DC-22 A / DC-22 B	125/125
220 VDC	DC-23 A / DC-23 B	125/125
440 VDC	DC-20 A / DC-20 B	125/125
440 VDC	DC-21 A / DC-21 B	125 <sup>(3)</sup> /125 <sup>(3)</sup>
440 VDC	DC-22 A / DC-22 B	125 <sup>(3)</sup> /125 <sup>(3)</sup>
440 VDC	DC-23 A / DC-23 B	125 <sup>(4)</sup> /125 <sup>(4)</sup>
500 VDC	DC-20 A / DC-20 B	125/125
500 VDC	DC-21 A / DC-21 B	125 <sup>(3)</sup> /125 <sup>(3)</sup>
500 VDC	DC-22 A / DC-22 B	125 <sup>(4)</sup> /125 <sup>(4)</sup>
500 VDC	DC-23 A / DC-23 B	125 <sup>(4)</sup> /125 <sup>(4)</sup>

### Operational power in AC-23 A (kW) <sup>(1)(5)</sup>

At 415 VAC without pre-break in AC <sup>(1)</sup>	63/63
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### Reactive power (kvar)

At 400 VAC (kvar) <sup>(5)</sup>	55
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Prospective short-circuit current (kA rms)	100
Associated fuse rating (A)	125

Rated short-time withstand current 0.3s. $I_{cw}$ (kA rms)	15
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### Short-circuit capacity (without protection)

Rated short-time withstand current 1s. $I_{cw}$ (kA rms)	7
Rated short-circuit making capacity without fuses $I_{cm}$ (kA peak)	11.9

### Connection

Maximum Cu cable cross-section (mm <sup>2</sup> )	35
Minimum Cu busbar cross-section (mm <sup>2</sup> )	50
Maximum Cu cable cross-section (mm <sup>2</sup> )	50
Maximum Cu busbar width (mm)	25
Tightening torque min/max (Nm)	9/-

### Enclosure

Construction	2mm cold-rolled steel plate
Degree of protection	IP55
Impact resistance	IK10
Temperature range	-25 °C / +40 °C
Maximum voltage	1000 V AC / 1500 V DC
Colour	RAL 7035.
Height (mm)	500
Width (mm)	400
Depth (mm)	250



Dokument/document		Utgava datum/edition date
Försäkran om överensstämmelse/ Declaration of conformity		29/06/2016
Avdelning/department Kvalite/Quality		
Ansvarig/prepared Magnus Arvidsson	Version 5	Sida/page 1 av/of 1

Supplier/Tillverkare: **GAROAB**  
Box 203  
S-335 25 GNOSJO  
Sweden

Telephone: +46 (0)370 33 28 00  
Telefax: +46 (0)370 33 28 50

Supplier established within EU/Ombud etablerad inom EG

Supplier of equipment /Materielslag : Enclosed Switchgear

Trade Mark/ Varumärke: GARO

Type Designation / Typbeteckning: GSW..., GFS..., GCO..., CO...,

We hereby declare that our product fulfils the requirements of following EC directives/  
Vi intygar härmed att vår produkt uppfyller krav enligt följande EU direktiv:

- The Low Voltage Directive (LVD) 2014/35/EU / Lågspänningsdirektivet (LVD) 2014/35/EU.
- Electromagnetic compatibility (EMC) 2004/108/EU / Elektromagnetisk kompatibilitet (EMC) 2004/108/EG.
- RoHS Directive (RoHS) 2011/65/EU / RoHS direktivet (RoHS) 2011/65/EG.
- No electromagnetic compatibility (EMC) immunity or emission tests are required on the assembly/  
Produkten innehåller inte elektroniska apparater som påverkas enligt förbehållen enligt direktivet  
(EMC) 2004/108/EG.

The following harmonised standards (latest edition) or technical specifications which comply with good engineering practice in safety matters in force within the EU have been used in the design: /

Följande harmoniserade standarder (senaste utgåva) eller tekniska specifikationer som uppfyller god säkerhetsteknik praxis inom EG har använts i konstruktionen: EN 62; 69-1.'GP '82; 69/5

- The equipment conforms completely with the above stated harmonised standards or technical specifications. /  
Materielen överensstämmer helt med ovan angivna harmoniserade standarder eller tekniska specifikationer.

Or/ Eller

- The equipment confirms only partially with the above stated harmonised standards or technical specifications but complies with good practice in safety matters in force within the EU. /  
Materielen överensstämmer endast delvis med ovan angivna harmoniserade standarder eller tekniska specifikationer, men uppfyller god säkerhetsteknik praxis inom EG.

We have product surveillance according to CENELEC's harmonised requirements, documents CCA-201.

Garo AB  
Company/Företag

2016-06-29  
Date/Datum

Sign/Underskrift

Environmental- and Quality Manager/Kvalitets- och Miljöchef  
Position/Befattning

Magnus Arvidsson  
Name / Namnförtydligande