



## Enclosed Isolator Switch SW IP65

Type: SW63IP65P



### Enclosure

Construction	Polyester
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)	300
Width (mm)	250
Depth (mm)	140

### LOAD BREAK SWITCH

**63A**

Rated insulation voltage, $U_i$ (V)		800
Rated thermal current, $I_{th}$ (A)		63
Nominal values with cable size (mm <sup>2</sup> )		35
Rated operational current, $I_e$ (A)		
	400/415V	63
AC-21	500V	63
	690V	63
	400/415V	63
AC-22	500V	63
	690V	63
	400/415V	63
AC-23	500V	63
	690V	40
Rated operational power for 3-phase (1500 r.p.m.) squirrel cage induction motors (kW)		
	400/415V	30
AC-23	500V	30
	690V	30
Rated fused short circuit current		
Back-up fuse (A)		63
R.M.S. value, $I_k$ (kA)		50
Peak value (kA)		8.0
Impulse withstand voltage, $U_{imp}$ (kV)		8
Rated short circuit making capacity, $I_{cm}$ (kA)		
	690V	3.0
Rated short time withstand current (1 s), $I_{cw}$ (kA)		
	690V	2.0
Rated breaking capacity, $I_{cn}$ (A)		
	400/415V	504
AC-23	500V	
	690V	
Electrical endurance (operations)		3000
Mechanical endurance (operations)		100000
Terminals / Bolt size Cu (mm <sup>2</sup> )		2.5-35
Max terminal torque (Nm)		3.55



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: **GARO AB**  
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..., SW...

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