

## Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2J
Product or component type	Switch-disconnector-fuse
Poles description	3P
Protected poles description	3t
Contacts type and composition	3 NO
[I <sub>th</sub> ] conventional free air thermal current	100 A at 40 °C
[I <sub>e</sub> ] rated operational current	100 A at 400 V on AC-23A 100 A at 400 V on AC-23B 100 A at 440 V 2 poles in series per phase on DC-23A 100 A at 440 V 2 poles in series per phase on DC-23B 100 A at 500 V on AC-23A 100 A at 500 V on AC-23B 100 A at 690 V poles not juxtaposed on AC-23A 100 A at 690 V poles not juxtaposed on AC-23B
Fuse type	BS
Fuse size	A4
Network type	AC DC
Network frequency	50/60 Hz

## Complementary

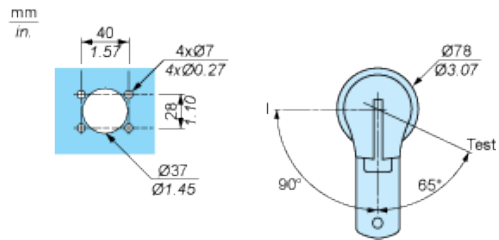
Type of operating handle	External frontal External right side
Mounting support	Plate
[U <sub>i</sub> ] rated insulation voltage	750 V AC 50/60 Hz
[U <sub>imp</sub> ] rated impulse withstand voltage	8 kV
Rated operational power in W	90 kW at 690 V 63 kW at 500 V 51 kW at 400 V
Making capacity	1000 A at 400 V on AC-23B
[I <sub>cm</sub> ] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses
Breaking capacity	800 A at 400 V on AC-23B
Short-circuit withstand	20 kA
Mechanical durability	10000 cycles
Electrical durability	On AC-23A On AC-23A On AC-23B On AC-23B
Connections - terminals	Power circuit : bars cable 20 mm <sup>2</sup> Power circuit : lugs-ring terminals cable 25...95 mm <sup>2</sup>
Tightening torque	Power circuit : 12 N.m

## Environment

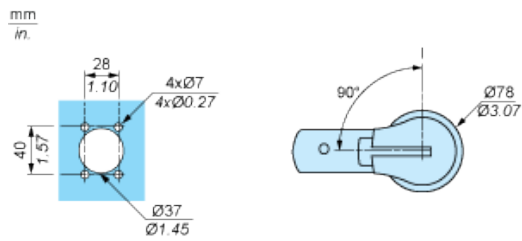
Standards	IEC 60947-3
Product certifications	CE
IP degree of protection	IP20 with terminal cover conforming to IEC 60529
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-40...80 °C
Fire resistance	960 °C body conforming to IEC 60695-2-1 850 °C fuse cover conforming to IEC 60695-2-1

Height	148 mm
Width	162 mm
Depth	116 mm
Product weight	1.5 kg

### Door Cut-out - For External Front-mounted Operator



### Door Cut-out - For External RH Side-mounted Operator



### 3-pole GS

