



### Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2JU
Product or component type	Switch-disconnector-fuse
Device application	Protection
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
Fuse type	UL
Fuse size	J
Network type	AC DC
Network frequency	50/60 Hz

### Complementary

Type of operating handle	External frontal
Mounting support	Plate
[U <sub>i</sub> ] rated insulation voltage	750 V
[U <sub>imp</sub> ] rated impulse withstand voltage	8 kV
Rated operational power in W	51 kW at 400 V 63 kW at 500 V 90 kW at 690 V
Short-circuit withstand	22 kA
Mechanical durability	10000 cycles
Electrical durability	6000 cycles
Connections - terminals	Lugs-ring terminals Power circuit: bars34...42 mm <sup>2</sup>
Tightening torque	Power circuit: 4 N.m

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## Environment

Standards	CSA C22.2 No 4 UL98
IP degree of protection	IP20 conforming to IEC 60529 (with terminal cover)
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-40...80 °C
Fire resistance	960 °C body
Height	186 mm
Width	149.3 mm
Depth	122.2 mm
Product weight	2.761 kg

## Offer Sustainability

REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>

## Contractual warranty

Warranty	18 months
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