Product data sheet
Characteristics

NJGF36200TW
PowerPacT multistandard - J-Frame - 200 A - 65 KA - Therm-Mag trip unit



Main

Range of product	PowerPact multistandard
Range	PowerPact
Product name	J-Frame
Device short name	J-Frame
Product or component type	Circuit breaker
Device application	Distribution

Complementary

Poles description	3P
Control type	Toggle
Mounting mode	Unit mount
Mounting support	DIN rail Flush Backplate
Electrical connection	Terminal nut, line side Terminal nut, load side
[In] rated current	200 A at 40 °C
[Ui] rated insulation voltage	750 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 KV conforming to IEC 60947-2
[Ue] rated operational voltage	525 V AC 50/60 Hz conforming to IEC 60947-2 690 V AC 50/60 Hz conforming to IEC 947-2 600 V AC 50/60 Hz conforming to UL 489
Breaking capacity code	JG
Suitability for isolation	Yes
Utilisation category	Category A
Mechanical durability	5000 Cycles
Electrical durability	1000 Cycles
Connection pitch	45 Mm
Local signalling	ON/OFF indication
Contact position indicator	Yes
Trip unit name	TM
Trip unit technology	Thermal-magnetic
Trip unit protection functions	Basic protection
Trip unit rating	200 A
Display type	3 LEDs

Breaking capacity	Icu: 65 kA at 220/240 V - AC conforming to IEC 947-2 Icu: 35 kA at 380/415 V - AC conforming to IEC 947-2 Icu: 35 kA at 440/480 V - AC conforming to IEC 947-2 Icu: 18 kA at 500/525 V - AC conforming to IEC 947-2 65 KA at 240 V - AC conforming to UL 489 35 KA at 480 V - AC conforming to UL 489 18 KA at 600 V - AC conforming to UL 489
[Ics] rated service breaking capacity	Ics: 65 kA at 220/240 V - AC conforming to IEC 947-2 Ics: 35 kA at 380/415 V - AC conforming to IEC 947-2 Ics: 35 kA at 440/480 V - AC conforming to IEC 947-2 Ics: 18 kA at 500/525 V - AC conforming to IEC 947-2
Long time pick-up adjustment type Ir	Fixed
Long time pick-up adjustment range	1 In
Short-time pick-up adjustment type Isd	Adjustable
[Isd] short-time pick-up adjustment range	5...10 x In
Overvoltage category	II
Provision for padlocking	Non padlockable
Height	191 Mm
Width	104 Mm
Depth	86 Mm
Standards	IEC 60947-2 UL 489 NMX J-266 CSA C22.2 No 5 W-C-375B/GEN NEMA AB1
Product certifications	CCC[RETURN]CE
Net weight	2.4 Kg
Tightening torque	25 N.M for 95…185 mm² (3/0 AWG...350 kcmil)

Environment

IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Pollution degree	3 conforming to IEC 60947-1 3 conforming to IEC 60664-1
Ambient air temperature for operation	40 °C
Ambient air temperature for storage	-50…85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.000 Cm
Package 1 Width	19.000 Cm
Package 1 Length	22.000 Cm
Package 1 Weight	2.241 Kg
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Height	30.000 Cm
Package 2 Width	40.000 Cm
Package 2 Length	60.000 Cm
Package 2 Weight	14.212 Kg

Offer Sustainability

Recyclability potential, in %	49
Total lifecycle Carbon footprint	555 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	16.968758744657066
Carbon footprint of the manufacturing phase [A1 to A3]	17 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.6646714631545954
Carbon footprint of the distribution phase [A4]	0.7 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.01672126563553174

Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	533.3718730066762
Carbon footprint of the use phase [B2, B3, B4, B6]	533 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	3.6623019844112967
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	555
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	51395289-2490-4e49-b5d9-78d9d14cd74f
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the S
PVC free	Yes
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised