

Circuit-breaker, 3p, 4000A, withdrawable part

Part no. **IZM32N3-V40W-1**
EP-500304

Product name	Eaton IZM32/IN32 circuit-breaker
Part no.	IZM32N3-V40W-1
EAN	9010653018070
Product Length/Depth	511 millimetre
Product height	514 millimetre
Product width	492 millimetre
Product weight	86.925 kilogram
Compliances	IEC
Product Tradename	IZM32/IN32
Product Type	Circuit-breaker
Product Sub Type	None
Actuator color	Green
Actuator type	Push button
Adjustment range short-term delayed short-circuit release - max	40000 A
Adjustment range short-term delayed short-circuit release - min	2400 A
Adjustment range undelayed short-circuit release - max	60000 A
Adjustment range undelayed short-circuit release - min	8000 A
Ambient operating temperature - max	70 °C
Ambient operating temperature - min	-20 °C
Ambient storage temperature - max	70 °C
Ambient storage temperature - min	-20 °C
Amperage Rating	4000 A
Breaking time	40 ms
Closing delay via spring release	30 ms
Degree of protection	IP20 IP41 with door sealing frame IP55 with protective cover
Device construction	Built-in device slide-in technique (withdrawable)
Direction of incoming supply	As required
Electrical connection type of main circuit	Rail connection
Features	Complete device with protection unit Motor drive optional
Fitted with:	Switched-off indicator
Frame	IZM32
Mounting Method	Withdrawable
Number of auxiliary contacts (change-over contacts)	4
Number of auxiliary contacts (normally closed contacts)	0
Number of auxiliary contacts (normally open contacts)	0
Number of poles	Three-pole
Number of standard mechanical operations per hour - max	60
Operating sequence up to 690 V, 50/60 Hz (IEC/EN 60947)	85 kA
Overload release current setting - max	4000 A
Overload release current setting - min	1600 A
Overvoltage category	III
Pollution degree	3
Protection	Selective operation
Rated impulse withstand voltage (Uimp)	8 kV AC
Rated insulation voltage (Ui)	1000 V

Rated operating voltage (Ue) - min		690 V
Rated operating voltage (Ue) at AC - max		690 V
Rated short-circuit breaking capacity at 400 V, 50 Hz		85 kA
Rated short-circuit making capacity up to 440 V, 50/60 Hz		187 kA
Rated short-circuit making capacity up to 690 V, 50/60 Hz		187 kA
Rated short-time withstand current (t = 1 s)		85 kA
Rated short-time withstand current at 50/60 Hz (t = 3 s)		65 kA
Rated uninterrupted current (Iu)		4000 A
Rated uninterrupted current (Iu) at 50°C		4000 A
Rated uninterrupted current (Iu) at 60°C		3650 A
Rated uninterrupted current (Iu) at 70°C		3500 A
Release system		Electronic release
Suitable for		Main conducting paths with 85 kA in IT electrical power networks up to U = 440 V
Type		Air circuit breakers/switch-disconnector Open circuit breaker
Utilization category		B
Voltage rating at AC		690 V AC
Weight of fixed mounting version (3-pole)		70 kg
Weight of fixed mounting version (4-pole)		89 kg
Weight of fixed withdrawable version (3-pole)		88 kg
Weight of fixed withdrawable version (4-pole)		115 kg