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



Part no. IZM32N3-V40W-1 EP-500304

General specifications	
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
Product Specification Details	
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)	O
Number of poles	Three-pole
Number of standard mechanical operations per hour - max	60 05 LA
Operating sequence up to 690 V, 50/60 Hz (IEC/EN 60947)	85 kA
Overload release current setting - max Overload release current setting - min	4000 A 1600 A
	III
Overvoltage category Pollution degree	3
Protection	Selective operation
Rated impulse withstand voltage (Uimp)	8 kV AC
Rated insulation voltage (Uii)	1000 V
nace moditation voltage (oi)	1000 *

Rated operating voltage (Ue) at AC - max Rated short-circuit breaking capacity at 400 V, 50 Hz Rated short-circuit making capacity up to 440 V, 50/60 Hz Rated short-circuit making capacity up to 890 V, 50/60 Hz Rated short-circuit making capacity up to 690 V, 50/60 Hz Rated short-time withstand current (t = 1 s) Rated short-time withstand current (t = 1 s) Rated short-time withstand current s0/60 Hz (t = 3 s) Rated short-time withstand current s0/60 Hz (t = 3 s) Rated uninterrupted current (lu) at 50°C Rated uninterrupted current (lu) at 50°C Rated uninterrupted current (lu) at 50°C Rated uninterrupted current (lu) at 60°C Rated uninterrupted c		
Rated short-circuit breaking capacity at 400 V, 50 Hz Rated short-circuit making capacity up to 440 V, 50/60 Hz Rated short-circuit making capacity up to 690 V, 50/60 Hz Rated short-circuit making capacity up to 690 V, 50/60 Hz Rated short-time withstand current (t = 1 s) Rated short-time withstand current at 50/60 Hz (t = 3 s) Rated uninterrupted current (lu) Rated uninterrupted current (lu) at 50°C Rated uninterrupted current (lu) at 60°C Rated uninterrupted current (lu) at 60°C Rated uninterrupted current (lu) at 70°C Rated uninterrupted current (lu) at 70°C 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 breakers Voltage rating at AC Weight of fixed mounting version (3-pole) Weight of fixed mounting version (4-pole) Weight of fixed withdrawable version (3-pole)  88 kg	Rated operating voltage (Ue) - min	690 V
Rated short-circuit making capacity up to 440 V, 50/60 Hz Rated short-circuit making capacity up to 690 V, 50/60 Hz Rated short-time withstand current (t=1 s) Rated short-time withstand current (t=1 s) Rated short-time withstand current at 50/60 Hz (t=3 s) Rated uninterrupted current (lu) Rated uninterrupted current (lu) at 50°C Rated uninterrupted current (lu) at 60°C Rated uninterrupted current (lu) at 70°C Rated uninterrupted current (lu) at 70°C Release system Release system Suitable for Type Air circuit breakers/switch-disconnector Open circuit breakers/switch-disc	Rated operating voltage (Ue) at AC - max	690 V
Rated short-circuit making capacity up to 690 V, 50/60 Hz Rated short-time withstand current (t = 1 s) Rated short-time withstand current at 50/60 Hz (t = 3 s) Rated uninterrupted current (lu) Rated uninterrupted current (lu) at 50°C Rated uninterrupted current (lu) at 60°C Rated uninterrupted current (lu) at 60°C Rated uninterrupted current (lu) at 70°C Release system Electronic release Suitable for Main conducting paths with 85 kA in IT electrical power networks up to U = 440 V Type Voltage rating at AC Weight of fixed mounting version (3-pole) Weight of fixed withdrawable version (3-pole) Weight of fixed withdrawable version (3-pole)  Rated uninterrupted current (lu) at 50°C Rated uninterrupted current (lu) at 50°C Rated uninterrupted current (lu) at 70°C Rated	Rated short-circuit breaking capacity at 400 V, 50 Hz	85 kA
Rated short-time withstand current (t = 1 s)  Rated short-time withstand current at 50/60 Hz (t = 3 s)  Rated uninterrupted current (lu)  Rated uninterrupted current (lu) at 50°C  Rated uninterrupted current (lu) at 50°C  Rated uninterrupted current (lu) at 60°C  Rated uninterrupted current (lu) at 70°C  Rated uninterrupted current (lu) at 70°C  Rated uninterrupted current (lu) at 70°C  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  Voltage rating at AC  Weight of fixed mounting version (3-pole)  Weight of fixed withdrawable version (3-pole)  Reter Main Sa A  Sa Sa A  Sa S	Rated short-circuit making capacity up to 440 V, 50/60 Hz	187 kA
Rated short-time withstand current at 50/60 Hz (t = 3 s)  Rated uninterrupted current (lu)  Rated uninterrupted current (lu) at 50°C  Autou A  Rated uninterrupted current (lu) at 50°C  Rated uninterrupted current (lu) at 60°C  Rated uninterrupted current (lu) at 70°C  Rated uninterrupted current (lu) at 70°C  Rated uninterrupted current (lu) at 70°C  Release system  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  Weight of fixed mounting version (3-pole)  Weight of fixed withdrawable version (3-pole)  Weight of fixed withdrawable version (3-pole)  Rated uninterrupted current (lu) at 50°C  4000 A  4000 A	Rated short-circuit making capacity up to 690 V, 50/60 Hz	187 kA
Rated uninterrupted current (lu) at 50°C Ad000 A Rated uninterrupted current (lu) at 50°C Ad000 A Rated uninterrupted current (lu) at 60°C Bated uninterrupted current (lu) at 70°C Belease system Belease system 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 breakers Voltage rating at AC Weight of fixed mounting version (3-pole) Weight of fixed mounting version (4-pole) Weight of fixed withdrawable version (3-pole) 88 kg	Rated short-time withstand current (t = 1 s)	85 kA
Rated uninterrupted current (lu) at 50°C  Rated uninterrupted current (lu) at 60°C  Rated uninterrupted current (lu) at 70°C  Rated uninterrupted current (lu) at 70°C  Release system  Suitable for  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  Weight of fixed mounting version (3-pole)  Weight of fixed mounting version (4-pole)  Weight of fixed withdrawable version (3-pole)  Weight of fixed withdrawable version (3-pole)  88 kg	Rated short-time withstand current at 50/60 Hz (t = 3 s)	65 kA
Rated uninterrupted current (Iu) at 60°C  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  Weight of fixed mounting version (3-pole)  Weight of fixed mounting version (4-pole)  Weight of fixed withdrawable version (3-pole)  88 kg	Rated uninterrupted current (Iu)	4000 A
Rated uninterrupted current (Iu) at 70°C  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  Weight of fixed mounting version (3-pole)  Weight of fixed mounting version (4-pole)  Weight of fixed withdrawable version (3-pole)  Weight of fixed withdrawable version (3-pole)  88 kg	Rated uninterrupted current (Iu) at 50°C	4000 A
Release system  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  Weight of fixed mounting version (3-pole)  Weight of fixed mounting version (4-pole)  Weight of fixed withdrawable version (3-pole)  88 kg	Rated uninterrupted current (Iu) at 60°C	3650 A
Suitable for  Type Air circuit breakers/switch-disconnector Open circuit breaker  B  Voltage rating at AC Weight of fixed mounting version (3-pole) Weight of fixed withdrawable version (3-pole)  Weight of fixed withdrawable version (3-pole)  Weight of fixed withdrawable version (3-pole)  Weight of fixed withdrawable version (3-pole)  88 kg	Rated uninterrupted current (Iu) at 70°C	3500 A
Type Air circuit breakers/switch-disconnector Open circuit breaker  Utilization category B Voltage rating at AC Weight of fixed mounting version (3-pole) Weight of fixed mounting version (4-pole) Weight of fixed withdrawable version (3-pole) 88 kg	Release system	Electronic release
Utilization category  B  Voltage rating at AC  Weight of fixed mounting version (3-pole)  Weight of fixed mounting version (4-pole)  Weight of fixed withdrawable version (3-pole)  88 kg	Suitable for	Main conducting paths with 85 kA in IT electrical power networks up to U = 440 V $$
Voltage rating at AC  Weight of fixed mounting version (3-pole)  Weight of fixed mounting version (4-pole)  Weight of fixed withdrawable version (3-pole)  88 kg	Туре	
Weight of fixed mounting version (3-pole)  Weight of fixed mounting version (4-pole)  Weight of fixed withdrawable version (3-pole)  88 kg	Utilization category	В
Weight of fixed mounting version (4-pole)  Weight of fixed withdrawable version (3-pole)  88 kg	Voltage rating at AC	690 V AC
Weight of fixed withdrawable version (3-pole)  88 kg	Weight of fixed mounting version (3-pole)	70 kg
	Weight of fixed mounting version (4-pole)	89 kg
Weight of fixed withdrawable version (4-pole)  115 kg	Weight of fixed withdrawable version (3-pole)	88 kg
	Weight of fixed withdrawable version (4-pole)	115 kg