

Eaton EP-500332

IZM32N4-V32F-1 . Circuit-breaker, 4p, 3200A, fixed

PRODUCT NAME	Eaton IZM32/IN32 circuit-breaker
CATALOG NUMBER	EP-500332
PRODUCT LENGTH/DEPTH	511 mm
PRODUCT HEIGHT	514 mm
PRODUCT WIDTH	492 mm
PRODUCT WEIGHT	87.97 kg
COMPLIANCES	IEC IEC/EN 60947

AMPERAGE RATING	3200 A
FEATURES	Complete device with protection unit Motor drive optional
ACTUATOR COLOR	Green
FITTED WITH:	Switched-off indicator
FRAME	IZM32
POLLUTION DEGREE	3
RATED UNINTERRUPTED CURRENT (IU)	3200 A
BREAKING TIME	40 ms
MOUNTING METHOD	Fixed
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	8 kV AC
UTILIZATION CATEGORY	B
DEVICE CONSTRUCTION	Built-in device fixed built-in technique
DIRECTION OF INCOMING SUPPLY	As required
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Rail connection
ACTUATOR TYPE	Push button
ADJUSTMENT RANGE SHORT-TERM DELAYED SHORT-CIRCUIT RELEASE - MAX	32000 A
ADJUSTMENT RANGE SHORT-TERM DELAYED SHORT-CIRCUIT RELEASE - MIN	1920 A
ADJUSTMENT RANGE UNDELAYED SHORT-CIRCUIT RELEASE - MAX	48000 A
ADJUSTMENT RANGE UNDELAYED SHORT-CIRCUIT RELEASE - MIN	6400 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

DECLARATIONS OF CONFORMITY	DA-DC-03 N4
ECAD MODEL	ETN.IZM32N4-V32F
	eaton-circuit-breaker-mounting-izmx-inx-mccb-dimensions.eps
	eaton-circuit-breaker-izmx-inx-mccb-dimensions-003.eps

HEAT DISSIPATION AT RATED CURRENT WITH FIXED MOUNTING	320 W
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 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	3200 A
OVERLOAD RELEASE CURRENT SETTING - MIN	1280 A
POWER OF WITHDRAWABLE SWITCH WITH CASSETTE	800 W
RATED INSULATION VOLTAGE (UI)	1000 V
OVERVOLTAGE CATEGORY	III
WEIGHT OF CASSETTE VERSION (3-POLE)	60 kg
WEIGHT OF CASSETTE VERSION (4-POLE)	73 kg
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
PROTECTION	Selective operation
VOLTAGE RATING AT AC	690 V AC
NUMBER OF POLES	Four-pole

DEGREE OF PROTECTION	IP20 IP41 with door sealing frame IP55 with protective cover
CLOSING DELAY VIA SPRING RELEASE	30 ms
TYPE	<ul style="list-style-type: none"> • Air circuit breakers/switch-disconnector • Open circuit breaker
POSITION OF CONNECTION FOR MAIN CURRENT CIRCUIT	Back side
RELEASE SYSTEM	Electronic release
SUITABLE FOR	Main conducting paths with 85 kA in IT electrical power networks up to U = 440 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) AT 50°C	3100 A
RATED UNINTERRUPTED CURRENT (IU) AT 60°C	2800 A
RATED UNINTERRUPTED CURRENT (IU) AT 70°C	2550 A
TERMINAL CAPACITY (COPPER BAR)	10 mm x 100 mm (3x) for withdrawable units (black) 10 mm x 100 mm (3x) for fixed mounting (black)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



Eaton House
30 Pembroke Road
Dublin 4,
Eaton.com

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