

## Eaton EP-500201

IZM32B4-V08W-1 . Circuit-breaker, 4p, 800A, withdrawable part

PRODUCT NAME	Eaton IZM32/IN32 circuit-breaker
CATALOG NUMBER	EP-500201
PRODUCT LENGTH/DEPTH	511 mm
PRODUCT HEIGHT	514 mm
PRODUCT WIDTH	619 mm
PRODUCT WEIGHT	88.825 kg
COMPLIANCES	IEC IEC/EN 60947

<b>AMPERAGE RATING</b>	800 A
<b>FEATURES</b>	Complete device with protection unit Motor drive optional
<b>ACTUATOR COLOR</b>	Green
<b>FITTED WITH:</b>	Switched-off indicator
<b>FRAME</b>	IZM32
<b>POLLUTION DEGREE</b>	3
<b>RATED UNINTERRUPTED CURRENT (IU)</b>	800 A
<b>BREAKING TIME</b>	40 ms
<b>MOUNTING METHOD</b>	Withdrawable
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	8 kV AC
<b>UTILIZATION CATEGORY</b>	B
<b>DEVICE CONSTRUCTION</b>	Built-in device slide-in technique (withdrawable)
<b>DIRECTION OF INCOMING SUPPLY</b>	As required
<b>ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT</b>	Rail connection
<b>ACTUATOR TYPE</b>	Push button
<b>ADJUSTMENT RANGE SHORT-TERM DELAYED SHORT-CIRCUIT RELEASE - MAX</b>	8000 A
<b>ADJUSTMENT RANGE SHORT-TERM DELAYED SHORT-CIRCUIT RELEASE - MIN</b>	480 A
<b>ADJUSTMENT RANGE UNDELAYED SHORT-CIRCUIT RELEASE - MAX</b>	12000 A
<b>ADJUSTMENT RANGE UNDELAYED SHORT-CIRCUIT RELEASE - MIN</b>	1600 A
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-20 °C
<b>AMBIENT STORAGE TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT STORAGE TEMPERATURE - MIN</b>	-20 °C

<b>ECAD MODEL</b>	<a href="#">ETN.IZM32B4-V08W</a>
	<a href="#">eaton-circuit-breaker-izmx-inx-mccb-dimensions-004.eps</a>
	<a href="#">eaton-circuit-breaker-mounting-izmx-inx-mccb-dimensions.eps</a>

<b>HEAT DISSIPATION AT RATED CURRENT WITH FIXED MOUNTING</b>	40 W
<b>NUMBER OF AUXILIARY CONTACTS (CHANGE- OVER CONTACTS)</b>	4
<b>NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)</b>	0
<b>NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)</b>	0
<b>NUMBER OF STANDARD MECHANICAL OPERATIONS PER HOUR - MAX</b>	60
<b>OPERATING SEQUENCE UP TO 690 V, 50/60 HZ (IEC/EN 60947)</b>	65 kA
<b>OVERLOAD RELEASE CURRENT SETTING - MAX</b>	800 A
<b>OVERLOAD RELEASE CURRENT SETTING - MIN</b>	320 A
<b>POWER OF WITHDRAWABLE SWITCH WITH CASSETTE</b>	85 W
<b>RATED INSULATION VOLTAGE (UI)</b>	1000 V
<b>OVERVOLTAGE CATEGORY</b>	III
<b>WEIGHT OF CASSETTE VERSION (3-POLE)</b>	34 kg
<b>WEIGHT OF CASSETTE VERSION (4-POLE)</b>	38 kg
<b>WEIGHT OF FIXED MOUNTING VERSION (3- POLE)</b>	58 kg
<b>WEIGHT OF FIXED MOUNTING VERSION (4- POLE)</b>	72 kg
<b>WEIGHT OF FIXED WITHDRAWABLE VERSION (3-POLE)</b>	70 kg
<b>WEIGHT OF FIXED WITHDRAWABLE VERSION (4-POLE)</b>	88 kg
<b>PROTECTION</b>	Selective operation
<b>VOLTAGE RATING AT AC</b>	690 V AC
<b>NUMBER OF POLES</b>	Four-pole

<b>DEGREE OF PROTECTION</b>	IP20 IP41 with door sealing frame IP55 with protective cover
<b>CLOSING DELAY VIA SPRING RELEASE</b>	30 ms
<b>TYPE</b>	<ul style="list-style-type: none"> <li>• Air circuit breakers/switch-disconnector</li> <li>• Open circuit breaker</li> </ul>
<b>POSITION OF CONNECTION FOR MAIN CURRENT CIRCUIT</b>	Back side
<b>RELEASE SYSTEM</b>	Electronic release
<b>SUITABLE FOR</b>	Main conducting paths with 65 kA in IT electrical power networks up to U = 440 V
<b>RATED OPERATING VOLTAGE (UE) - MIN</b>	690 V
<b>RATED OPERATING VOLTAGE (UE) AT AC - MAX</b>	690 V
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY AT 400 V, 50 HZ</b>	66 kA
<b>RATED SHORT-CIRCUIT MAKING CAPACITY UP TO 440 V, 50/60 HZ</b>	145 kA
<b>RATED SHORT-CIRCUIT MAKING CAPACITY UP TO 690 V, 50/60 HZ</b>	145 kA
<b>RATED SHORT-TIME WITHSTAND CURRENT (T = 1 S)</b>	65 kA
<b>RATED UNINTERRUPTED CURRENT (IU) AT 50°C</b>	800 A
<b>RATED UNINTERRUPTED CURRENT (IU) AT 60°C</b>	800 A
<b>RATED UNINTERRUPTED CURRENT (IU) AT 70°C</b>	800 A
<b>TERMINAL CAPACITY (COPPER BAR)</b>	5 mm x 50 mm (2x) for fixed mounting (black) 5 mm x 50 mm (2x) for withdrawable units (black)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



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