

Catalogue No: **CEL3160MK**

CEL PBD ISOLATOR SWITCH KIT TBP 160A 3P NC

Power Distribution and Protection > Distribution Boards > Panelboards > General Panelboard Hardware / Accessories > Panelboard Main Switches > General Panelboard Main Switch Kits - Concept Isolator

CONCEPT Panelboard Main Switch Kit, 160A 3P TBP Isolator - COE, CPL and CPR (NC Chassis)



- Excellent short circuit ratings - Icu 25kA
- Market leading Selectivity levels
- Suitable for Concept Panelboards
- Suitable for connecting to NC or GB chassis with connection kit

Representative Photo Only
(actual product may vary based on configuration selections)

SPECIFICATIONS

Component Type Power Distribution & Protection	Main Switch / Kit
Switching Poles	3P
Utilisation Category	A
Frame Size	160 AF size
Rated Frequency	50 / 60 Hz
Connection Mode	Cable Tunnel Clamp (Option) Extension Bar (Option) Front Connection
Ue, Rated Operational Voltage, AC, max	690 V AC
Utilisation Voltage (min - max)	24 V AC to 690 V AC, 250 V DC
Uimp, Impulse Withstand Voltage	8 kV
Ui, Rated Insulation Voltage	690 V (rms)
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 415V AC	25 kA @415VAC
Ics, Rated Service Short-Circuit Breaking Capacity, 415V AC	19 kA @415VAC
AC Power loss per pole at full rated current	6.66 W
Number of Poles	3
Depth (toggle included)	95 mm
Height	165 mm
Width	105 mm
Pole Width	35 mm
Weight	1.5 kg
Dielectric Strength	2500 V AC
Electrical Life	6000 cycles
Mechanical Life	18000 cycles
Altitude, Operating (No Derating)	2000 m
Cable Cross Section (Min)	35 mm ²
Cable Cross Section (Max)	185 mm ²
Terminal Type	Bolt-Terminal

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Tightening Torque, Min	7.8 Nm
Tightening Torque, Max	12.7 Nm
Pollution Degree	3
Storage Temperature, Min	-10 °C min
Storage Temperature, Max	70 °C max
Operating Temperature, Min	-5 °C min
Operating Temperature, Max	70 °C max
Operating Temperature Relative Humidity	Max. permissible ambient temperature 60°C Max. permissible humidity 95% rel. No Condensation
In, Rated Current	160 A
Im, Magnetic Trip Current	2925 A
General Accessories	Alarm Switch Auxiliary Switches Extension Terminals Handle Operators Interpole Barriers Locking Devices Shunt Trip Terminal Covers Under Voltage Trip
Vibration Acceleration (Max.)	19 m/s ²
Vibration Frequency, Operational (Max.)	16.7 Hz
Vibration Duration (Max.)	12 min

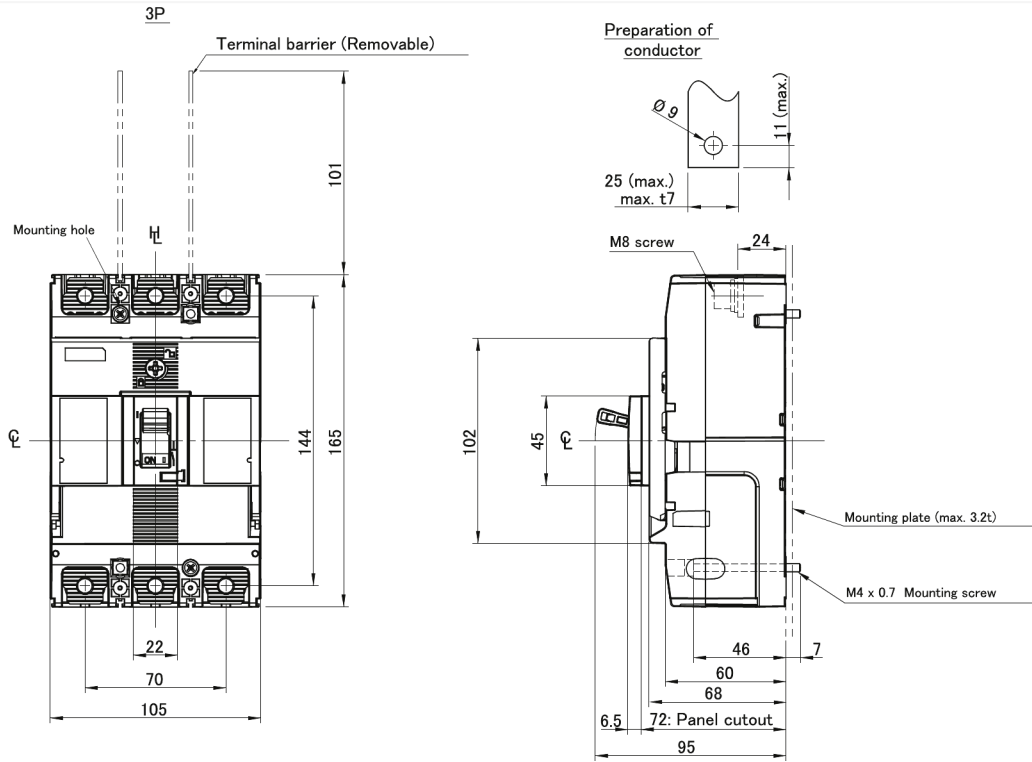
REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-

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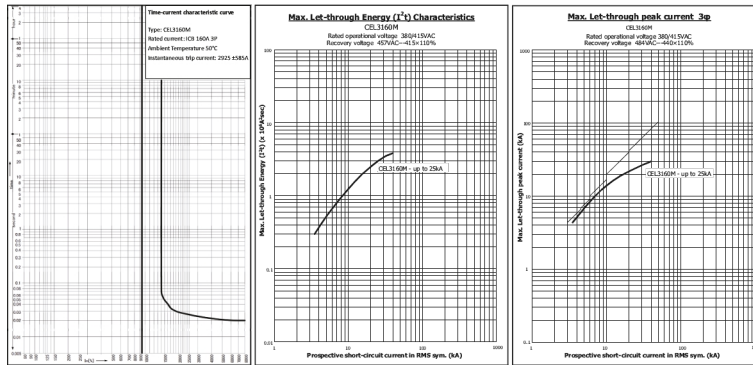


Dimension Diagram

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Technical Diagram