

**CIRCUIT BREAKER PANELBOARDS , EPNL SERIES  
EXPLOSION PROOF**



A QUALITY PRODUCT

**APPLICATION**

The EPNL circuit breaker panelboards are designed to protect and control of brach circuit distribution such as lighting circuits, receptacles, small pumps or motors. These enclosures are custom-built in close cooperation with the customer, These panelboards are suitable to be installed in potentially explosive atmospheres, in wet or corrosive locations,

**TECHNICAL DATA**

Type of Protection : Ex d IIB T6  
 Conforming to : Standards IEC 60079-1 or UL 60079-0/1  
 Marking for test : Ex II2G  
 Degree of Protection : IP65/66 acc.To IEC 60529  
 Ambient Temp. (Ta) : -20<sup>o</sup>C to+ 55<sup>o</sup> C  
 Protection class for UL. : Class I, Divition1 or 2 Group.C,D  
 : Class II, Divition 1 or 2 Groups.E,F,G  
 Protection class for IEC : Zone1and Zone 2

**OPTION**

O-Ring gasket.  
 Drain fitting.  
 Pilot light for indicating signal

**SPECIFICATION**

Material enclosure : Marine grade copper-free aluminium alloy  
 with polyester powder coated, RAL.7032(Grey)  
 Mounting plate : Sheet steell  
 Sealing gasket : Silicaone - 40<sup>o</sup>C to +175<sup>o</sup> C  
 Lid screws : Stainless steel



**CATALOGUE NUMBER**

Branch Breaker space	Main Lug		Main Breaker	
	1-Phase, 3-Wires	3-Phase, 4-Wires	1-Phase, 3-Wires	3-Phase, 4-Wires
6	EPNLML1-06☐	EPNLML3-06☐	EPNLMB1-06 ☐○	EPNLMB3-06 ☐○
8	EPNLML1-08☐	EPNLML3-08☐	EPNLMB1-08 ☐○	EPNLMB3-08 ☐○
10	EPNLML1-10☐	EPNLML3-10☐	EPNLMB1-10 ☐○	EPNLMB3-10 ☐○
12	EPNLML1-12☐	EPNLML3-12☐	EPNLMB1-12 ☐○	EPNLMB3-12 ☐○
14	EPNLML1-14☐	EPNLML3-14☐	EPNLMB1-14 ☐○	EPNLMB3-14 ☐○
16	EPNLML1-16☐	EPNLML3-16☐	EPNLMB1-16 ☐○	EPNLMB3-16 ☐○
18	EPNLML1-18☐	EPNLML3-18☐	EPNLMB1-18 ☐○	EPNLMB3-18 ☐○
20	EPNLML1-20☐	EPNLML3-20☐	EPNLMB1-20 ☐○	EPNLMB3-20 ☐○
22	EPNLML1-22☐	EPNLML3-22☐	EPNLMB1-22 ☐○	EPNLMB3-22 ☐○
24	EPNLML1-24☐	EPNLML3-24☐	EPNLMB1-24 ☐○	EPNLMB3-24 ☐○

- ☐ 1 Specify code for equipment brand.  
M - Misubishi or A - ABB
  - Amp. Trip(AT) of Main Braker
- Enclosures are custom designed from the equipments -