



Device description:

AT-LD intrinsically safe lamp was designed to build the modular lightening solutions for mines. Due to its simple, small and light (<5kg) construction it can be located at any gallery in the mine, including excavation faces, where the intrinsically safe solution is needed. Its interenal design enabled the ,Ex e' construction of the lamp which makes it much lighter than the ,Ex d' solutions. It can be powered directly from the power source of voltage output between 90V and 253V - commonly 220V or 230V is being used. To improve its lightening quality AT-LD lamp is equipped with two LED panels which are inclined by 15 degrees what makes the light beam given by the lamp wider. In case of brake down the lamp can be maintenance by changing only the broken LED panel. Due to AT-LD modular and complex construction in places where bigger light power is needed it can be interconnected with a number of AT-LD lamps. IP 65 protection level makes the lamp resistant to any of the mine conditions.

Technical description:

ATEX certificate designation	I M2 Ex eb mb I Mb
Lamp power	20 W
IP protection level	IP 65
Input Voltage range	90 V - 256 V
Number of removable LED panels	2
Cable gland size	Suitable for the used power cable to be specified while ordering
Dimensions	180x120x160 [mm]
Weight	<5 kg

AT - LIGHTING

Oświetlenie rozcinki ścianej

