



MTL
Intrinsic Safety Zener Barriers

LAUMAS®




■ MTL7766PAC
PASSIVE BARRIER
(POWER SUPPLY):



■ MTL7761AC
PASSIVE BARRIER
(SIGNAL):

■ DESCRIPTION

- Zener barriers protect circuits in ATEX Zones. They are safety devices that divert a fault tension to the ground, preventing the formation of sparks or the overheating of devices in hazardous areas.
- Omega/DIN rail mounting.
- Extractable screw terminals.

ATEX marking	IECEx marking
 II (1) GD [Ex ia Ga] IIC [Ex ia Da] IIIC (-20 °C ≤ Ta ≤ +60 °C) BAS01ATEX7217	[Ex ia Ga] IIB [Ex ia Ga] IIC [Ex ia Da] IIIC (-20 °C ≤ Ta ≤ +60 °C) IECEx BAS 04.0025

■ INTRINSICALLY SAFETY MTL7766PAC PASSIVE BARRIER (POWER SUPPLY):

- 2 channels, analog signal.
- -20 °C ≤ Ta ≤ +60 °C.
- Single channel: Uo=12 V, Io=157 mA, Po=471 mW.
- 2 channels in parallel: Uo=12 V; Io=314 mA, Po=942 mW.

■ INTRINSICALLY SAFETY MTL7761AC PASSIVE BARRIER (SIGNAL):

- 2 channels, analog signal.
- -20 °C ≤ Ta ≤ +60 °C.
- Single channel: Uo=9 V, Io=100 mA, Po=225 mW.



DIMENSIONS / VIEW

