

MECHATRONIC ROTARY LATCH (MRL)



The concealed Vector Mechatronic Rotary Latch (MRL) is automatically latched when door is pushed to close position. MRL is released to unlatched position by an open signal 8-24V from an external access system. Equipped with mechanical override trigger in case of power failure. Vector MRL is wired to 12-24V DC operating power supply.

Feedback signals for both door status (open/close) and latch status (latched / unlatched) are provided. The casted striker with embedded magnet must be used to create door status signal. All inputs and outputs are handled by the microcontroller, allowing flexibility and customization.

Available in three different standard configurations, see Technical Information.

MATERIAL

Cam : Zamak, cromado

Housing: PC-ABS

Batente: Zinc die cast, black coated or satin chrome

RELATED PRODUCTS

Needed components for a complete system:

2-766-01

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TESTS & STANDARDS

Standard configurations

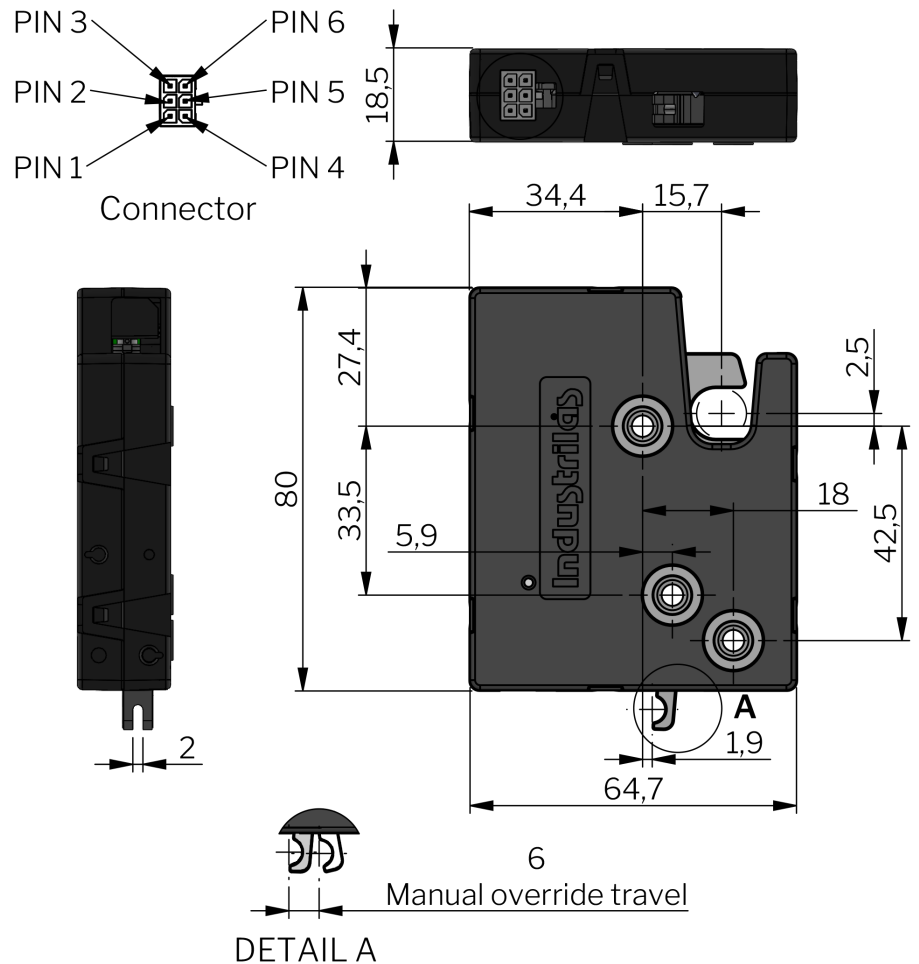
- Auto relock with kick-out spring
- Delayed relock with kick-out spring
- Delayed relock, pull to open

Auto relock: MRL will be latched as soon as door is pushed back into closed position regardless if the initial open signal from external access system still is active. To unlatch the MRL again a new active open signal is required.

Delayed relock: MRL will not be latched when the door is pushed to closed position as long as open signal from external access system is active.

All latches are equipped with a mechanism to prevent releasing when exposed to strong mechanical shock.

All I/O's are current limited and protected against power surges.



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AAAA Tipo	BB Material Housing	C Tipo	DD Interface	E Montagem	FF Gatilho	GG Batente
5260 MRL	50 PC-ABS	1 Auto relock, kick-out	11 12-24 Volt	0 Ø 7,0 mm hole	00 Padrão	00 Sem batente
		2 Delayed relock, kick-out		1 M6 threaded		01 With casted striker *
		3 Delayed relock, pull to open		2 UNC 1/4-20		

* This striker with magnet needed to create feedback signal door open/closed.