1732E12X4M12QCDR

Allen-Bradley On-Machine Distributed I/O Armorblock 24V DC EtherNet DLR 12DI 4DO Diag DC Micro QC

ON MACHINE DISTRIBUTED IO



Component type	Fieldbus, decentr. periphery - analogue/digital I/O module
Range	1732 ArmorBlock I/O
Model	N/A
Product status	Existing

Allen-Bradley ArmorBlock® 1732 I/O modules are a low-cost, hardened I/O product suitable for On-Machine™ use that helps OEMs and end users reduce installation and operating costs. These On-Machine decentralized solutions can be mounted close to sensors and actuators to provide shorter cable runs and reduced wiring costs for automotive, material handling, and high-speed packaging applications.

ELECTRICAL	Type of digital output	Transistor
	Type of voltage (input voltage)	DC
	Type of output voltage	DC
	Output voltage at digital output	12-30 V
	Permitted voltage at input	12-30 V
	Supply voltage DC	24-24 V
	Type of digital input	Sinking
COMMUNICATION	Supporting protocol for EtherNet/IP	Yes
	Supports DLR	Yes
CONSTRUCTION	Suitable for safety functions	No
	Number of digital inputs	12
	Number of digital outputs	4
	IP rating	IP67/IP69K
DIMENSIONS	Width	60.4 mm
	Height	200 mm
	Depth	45 mm
ENVIRONMENT	Operating temperature	-20…60 °C
	Storage temperature	-40…85 °C
	Max. ambient humidity (non-condensing)	95 %

Published on 07 October 2026

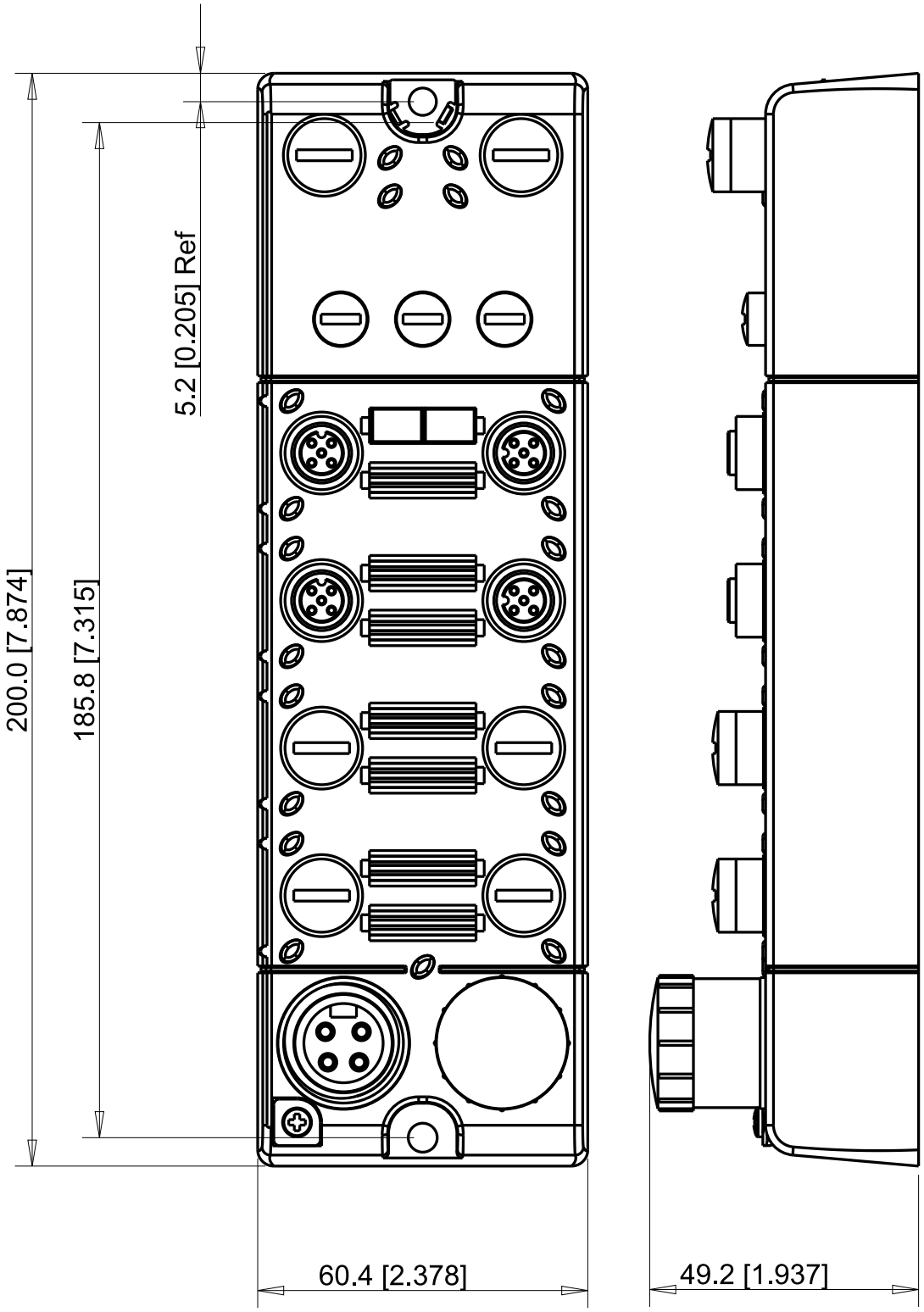
1732E12X4M12QCDR

Allen-Bradley On-Machine Distributed I/O Armorblock 24V DC EtherNet DLR 12DI 4DO Diag DC Micro QC

ON MACHINE DISTRIBUTED IO

Allen-Bradley

DIMENSIONAL DIAGRAM



Published on 07 October 2026