

3HAC028357-001

Industrial automation components

Manufacturer	Abb
Catalog number	3hac028357-001
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	1.01 kgs
Weight	1.2 kg
Dimensions	315 mm x 180 mm x 95 mm
Display	6.5-inch color LCD touchscreen with anti-glare coating
Power Supply	24 V DC with reverse polarity protection
Communication Protocols	EtherCAT and PROFIBUS

Description

The ABB 3HAC028357-001 is a Teach Pendant designed for programming, controlling, and monitoring ABB industrial robots integrated with the IRC5 robot controller. This device offers operators intuitive control and diagnostic capabilities in demanding industrial environments. Key features include a 6.5-inch color LCD touchscreen with anti-glare coating, a 3D joystick for precise manual robot movement, and tactile function buttons complemented by an emergency stop button. It operates on a 24 V DC power supply with reverse polarity protection and communicates via EtherCAT and PROFIBUS protocols. The pendant is built to withstand harsh industrial conditions, with an operating temperature range of 0°C to +55°C and a humidity tolerance of 5–95% non-condensing. Its compact and ergonomic design measures 315 mm in height, 180 mm in width, and 95 mm in depth, weighing 1.2 kg for extended operator comfort. The front panel has an IP54 protection class against dust and water splashes. The pendant connects to the robot controller using a 10-meter 3HAC031683-001 pendant cable, ensuring flexible positioning. For software compatibility, it requires RobotWare version 5.07.02 or higher. For reusing the GTPU2 holder, order 3HAC033596-002 (SXTPU HOLDER UPPER PART); for a new holder, order 3HAC033498-001+3HAC025352-001. The product is manufactured in China.