

Automatic Vehicle Identification

Functional specifications USA

TRANSIT

2006

VERSION 1.2
DATE OF ISSUE: April 2006

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TRANSIT Long range readers

Product	Art. nr.	Description
	9875220	TRANSIT PS270 Standard USA
		<i>Long range microwave reader with built-in antenna that can identify vehicles over distances up to 33 feet</i> Technical features - Operating frequency: 2.4384 – 2.457 GHz - Dimensions: 12.2 x 9.8 x 3.9 in - Weight: 9.9 pounds - Detection range: up to 33 ft - Squelch tuning to adjust read range - Operating temperature range: -22°F..+158°F - Protection class: IP65 - Object speed: up to 125 mph at appropriate distance - Power: 22..30 VDC, max. 1A - Input: 1 dry contact or TTL - Relay output: 1 relays output (NO, Common, NC) - Output: Wiegand, Barcode, and Omron - Antenna output: 120 KHz - Antenna connection: optional 1 external inductive antenna connection - Interfaces: RS232, RS422, Profibus DP, TCP/IP - Communication protocol: CR/LF, DC2/DC4, TCP/IP, Profibus DP - Encrypted air interface (NEDAP proprietary encryption standard) - Order information: customer code & name, firmware version, and frequency settings - Wall mounting set included

TRANSIT reader accessories

Product	Art. nr.	Description
	5626595	TRANSIT mounting kit <i>Pole mounting set</i>
	7562640	Weather protection hood <i>Protection hood for long lasting exposure to sun and rain</i>

Combi-Booster HID Prox

Product	Art. Nr.	Description
	9888888	Combi-Booster for HID Prox cards <i>Microwave tag combined with standard booster function for vehicle as well as driver identification</i>
		A separate ID (vehicle ID) is programmed in the booster hardware, which offers the unique feature to combine vehicle ID and driver ID (of the inserted card). Technical features - Operating frequency: 2.45 GHz and 120 kHz - Dimensions: 4.6 x 2.8 x 1.1 in according to ERTICO OBU standard - Weight: 3.4 oz - Battery life: 5 years in average usage - Temperature range: : -4°F...+185°F - Detection range: 33 ft - Protection class: IP32 - Mounting method: interior side of the windscreen by means of suction cups - Operating modes: A,B,C and D <i>A: Continuous transmission of vehicle and driver ID</i> <i>B: Continuous transmission of vehicle ID, when button is pressed combined vehicle and driver ID will be transmitted</i> <i>C: Only after push button activation combined vehicle and driver ID is transmitted</i> <i>D: Randomly transmission of combined vehicle and driver ID</i> - Supported cards: HID Prox Cards - Order information: article number, customer name & code, and operating mode

Booster HID Prox

Product	Art. Nr.	Description
	9848940	Booster for HID Prox cards <i>Designed to identify driver by reading and transmitting HID Prox credential. This device acts as an in vehicle HID Prox card reader.</i>
		Technical features - Operating frequency: 2.45 GHz - Dimensions: 4.6 x 2.8 x 1.1 in according to ERTICO OBU standard - Weight: 3.4 oz - Battery life: 5 years in average usage - Temperature range: : -4°F...+185°F - Detection range: 33 ft - Protection class: IP32 - Mounting method: interior side of the windscreen by means of suction cups - Operating modes: Push button activation - Humidity: 10%...93% relative humidity, non condensing - Supported cards: HID Prox Cards - Order information: article number, customer name & code, - Transit reader configuration: HID interface board – Art. Nr. 7819102

Window Button

Product	Art. Nr.	Description
	9882650	Window Button R/O <i>Microwave tag characterised by 'state of the art' technology and exceptional design suiting the interior of every passenger car</i>
		Technical features - Operating frequency: 2.45 GHz and 120 kHz - Dimensions: Ø 2.9 in according to ERTICO OBU standard - Weight: 1.9 oz - Battery life: minimum of 5 years - Temperature range: -22°F..+185°F - Detection range: 33 ft - Protection class: IP32 - Operating mode: continuously active - Mounting method: interior side of the windscreen by means of suction cup - Order information: article number, customer name & code, and numbers range*

Window Button with Switch

Product	Art. Nr.	Description
	9882480	Window Button switch Nedap R/O <i>Window Button with switch for push button activation read only programmed</i>
		The Window Button with switch is developed for applications where continuous activation is not required and where the driver needs to determine the identification moment. After push button activation the tag ID will be transmitted to the reader. Technical features - Operating frequency: 2.45 GHz and 120 kHz - Dimensions: Ø 2.9 in according to ERTICO OBU standard - Weight: 1.9 oz - Battery life: minimum of 5 years - Temperature range: -22°F..+185°F - Detection range: 33 ft - Protection class: IP32 - Mounting method: interior side of the windscreen by means of suction cup - Operating mode: push button activation - Order information: article number, customer name & code, and numbers range*

Compact Tag

Product	Art. Nr.	Description
	9891900	Compact Tag <i>The Compact Tag ICLASS is part of a driver based AVI System. The tag is a slim line RF tag which provides long range vehicle identification of 23 feet.</i>
		Technical features - Operating frequency: 2.45 GHz - Dimensions: 3.36 x 2.13 x 0.19 in (credit card size) - Weight: 0.7 oz - Battery life: up to of 5 years - Temperature range: -4°F..+185°F - Detection range: 23 ft - Protection class: IP32 - Operating mode: A: continuously active (default); D: Random transmitting of tag ID - Mounting method: interior side of the windshield with adhesive tape or into tag holder* - Order information: article number * - tag holder part number: 5790190

Heavy Duty Tag

Product	Art. Nr.	Description
	9875689	Heavy Duty Tag R/O <i>Microwave tag designed for harsh environmental conditions. The Tag is weatherproof protected and also applicable in explosive zones.</i>
		Technical features - Operating frequency: 2.45 GHz and 120 kHz - Dimensions: 4.8 x 3.4 in - Weight: 4 oz - Battery life: minimum 8 years - Temperature range: -22°F..+185°F - Detection range: 33 ft - Protection class: IP65 - Approval: EN50014 (1992) f or intrinsic protection security Eexia IIC T4/T6 - Mounting method: on the outside of a vehicle by two M6 bolts, screws or rivets - Operating mode: continuously active - Order information: article numbers, customer name & code, and numbers range*

* Tag numbers range is subject to availability and additional confirmation.