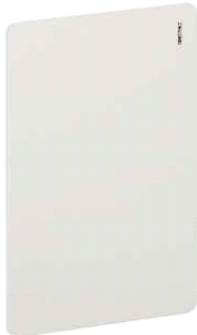


xghb90e340

RFID electronic tag - 13.56 MHz - ISO badge 54 x 85.5 x 1 - 256 Bytes



Main

Range of product	OsiSense XG
Product or component type	Electronic tag
RFID electronic tag name	XGHB
RFID frequency	13.56 MHz
Design	ISO badge
Memory capacity	256 B
Station name	XGCS
[Sn] nominal sensing distance	100 mm with XGCS89 150 mm with XGCS49 + field expander XGFEC2525 70 mm with XGCS49 90 mm with XGCS49 + field expander XGFEC540 100 mm with XGCS85
Outer dimension	54 x 85.5 x 1 mm
Quantity per set	Set of 10
Read time	12 + 0.825 x (number of 16-bit words) ms
Write time	20 + 11.8 x (number of 16-bit words) ms
IP degree of protection	IP65

Complementary

Memory type	EEPROM
Memory operation	Read/write
Number of read cycles	Unlimited
Number of write cycles	2500000 at 30 °C 100000 at -25...50 °C
Passing speed of object	0.6 m/s with XGCS49 (read or write 10 words) 5.3 m/s with XGCS49 (read a serial number) 1.6 m/s with XGCS49 (read a word) 7.1 m/s with XGCS89 (read a serial number) 4 m/s with XGCS89 (read a word) 0.8 m/s with XGCS89 (read or write 10 words) 7.1 m/s with XGCS85 (read a serial number) 4 m/s with XGCS85 (read a word) 0.8 m/s with XGCS85 (read or write 10 words)
Data retention time	10 yr
Material	PVC (polyvinyl chloride)
Product weight	0.005 kg

Environment

Standards	ISO 15693
Ambient air temperature for operation	-25...50 °C
Ambient air temperature for storage	-40...55 °C
Vibration resistance	2 mm (f = 5...29.5 Hz) conforming to EN 60068-2-6 7 gn (f = 29.5...150 Hz) conforming to EN 60068-2-6
Shock resistance	30 gn for 11 ms conforming to EN 60068-2-27
IK degree of protection	IK02 conforming to EN 50102

Offer Sustainability

Sustainable offer status	Green Premium product
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RoHS	Compliant - since 0727 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available