

Product availability: Stock - Normally stocked in distribution facility



## 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
Associated smart antenna	XGCS
[Sn] nominal sensing distance	3.94 in (100 mm) with XGCS85 3.94 in (100 mm) with XGCS89 5.91 in (150 mm) with XGCS49 + field expander XGFEC2525 2.76 in (70 mm) with XGCS49 3.54 in (90 mm) with XGCS49 + field expander XGFEC540
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 86 °F (30 °C) 100000 at -13...122 °F (-25...50 °C)
Maximum linear speed with "auto read/write function"	With XGCS49 (read a serial number) With XGCS49 (read a word) With XGCS49 (read or write 10 words) With XGCS89 (read a serial number) With XGCS89 (read a word) With XGCS89 (read or write 10 words) With XGCS85 (read a serial number) With XGCS85 (read a word) With XGCS85 (read or write 10 words)
Data retention time	10 yr
Material	PVC (polyvinyl chloride)
Product weight	0.01 lb(US) (0.005 kg)

## Environment

Standards	ISO 15693
Ambient air temperature for operation	-13...122 °F (-25...50 °C)
Ambient air temperature for storage	-40...131 °F (-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 11 ms conforming to EN 60068-2-27
IK degree of protection	IK02 conforming to EN 50102

## Ordering and shipping details

Category	22491 - SENS,IDENTIFICATION DEVICE (XGK)
Discount Schedule	DS2
GTIN	00785901988366
Nbr. of units in pkg.	10
Package weight(Lbs)	0.01
Returnability	Y
Country of origin	DE

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0727 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

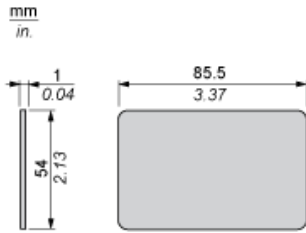
## Contractual warranty

Warranty period	18 months
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Dimensions

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# Mouser Electronics

Authorized Distributor

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[XGHB90E340](#)