XGHB221346
RFID electronic tag - 13.56 MHz - flat form 26 x 26 x 13 -256 Bytes

Green Premium™ Product

Product availability: Non-Stock - Not 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	Flat form 26 x 26 x 13
Memory capacity	256 B
Associated smart antenna	XGCS
[Sn] nominal sensing distance	2.17 in (55 mm) with XGCS85 1.57 in (40 mm) with XGCS49 1.65 in (42 mm) with XGCS49 + field expander XGFEC2525 2.17 in (55 mm) with XGCS89
Outer dimension	26 x 26 x 13 mm
Quantity per set	Set of 1
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	IP68
Fixing mode	By clips By screws

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...158 °F (-25...70 °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
Mounting location	Possible on metal support
Material	PBT (polybutylene terephthalate)
Product weight	0.06 lb(US) (0.025 kg)

Environment

Standards	ISO 15693
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °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	00785901686125
Nbr. of units in pkg.	1
Package weight(Lbs)	5.0000000000000003E-2
Returnability	N
Country of origin	FR

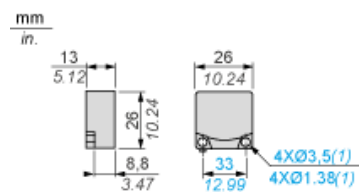## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0824 - Schneider Electric declaration of conformity 🗗 Schneider Electric declaration of conformity
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 www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

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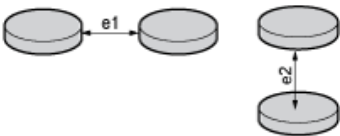
Dimensions

Updatable Code Electronic Tags

(1)   For CHC type screws

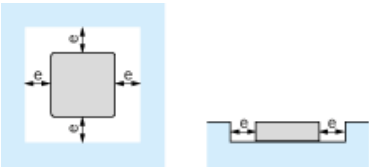## Minimum Mounting Distances

Distance Between Tags

XGCS4901201 smart antenna (format 40)		XGCS8•• smart antennas (format 80)	
e1	e2	e1	e2
50	10	120	50

Minimum Mounting Distances in a Metal Structure

(e) ≥ 20 mm.

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