XGHB444345

RFID electronic tag - 13.56 MHz - flat form 40 x 40 x 15 - 3408 Bytes

Green Premium

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 40 x 40 x 15
Memory capacity	3.408 kB
Associated smart antenna	XGCS
[Sn] nominal sensing distance	33 mm with XGCS49 48 mm with XGCS89 48 mm with XGCS85
Outer dimension	40 x 40 x 15 mm
Quantity per set	Set of 1
Read time	9.25 + 0.375 x (number of 16-bit words) ms
Write time	13 + 0.8 x (number of 16-bit words) ms
IP degree of protection	IP68
Fixing mode	By clips By screws

Complementary

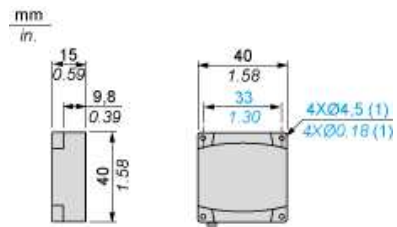|	
Memory type	EEPROM
Memory operation	Read/Write
Number of read cycles	Unlimited
Number of write cycles	100000 at -25...70 °C 2500000 at 30 °C
Maximum linear speed with "auto read/write function"	With XGCS49 (read a serial number) With XGCS49 (read a word) With XGCS89 (read a word) With XGCS85 (read a word) With XGCS49 (read or write 10 words) With XGCS89 (read a serial number) With XGCS89 (read or write 10 words) With XGCS85 (read a serial number) With XGCS85 (read or write 10 words)
Data retention time	10 yr
Mounting location	Possible on metal support
Material	PBT (polybutylene terephthalate)
Product weight	0.031 kg

Environment

Standards	ISO 14443
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-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 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
RoHS (date code: YYWW)	Compliant - since 0824 - ⬁ Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available ⬘ Download Product Environmental
Product end of life instructions	Available ⬘ Download End Of Life Manual

⬡ **Telemecanique**
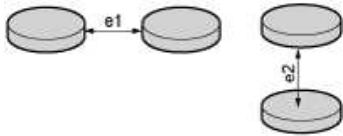**Sensors**

Dimensions

Updatable Code Electronic Tags

(1)   For CHC type screws

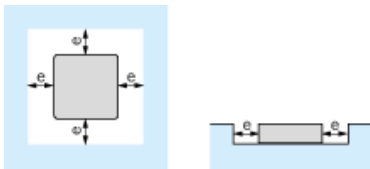## Minimum Mounting Distances

Distance Between Tags

XGCS4901201 smart antenna (format 40)		XGCS8•• smart antennas (format 80)	
e1	e2	e1	e2
20	10	70	40

Minimum Mounting Distances in a Metal Structure

(e) ≥ 20 mm.