

Main

Range of Product	Telemecanique Radio frequency identification 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	32 kB
Associated smart antenna	XGCS
[Sn] nominal sensing distance	1.0 In (25 mm) XGCS49 1.5 In (39 mm) XGCS89 1.5 in (39 mm) XGCS85
Outer dimension	40 x 40 x 15 mm
Quantity per Set	Set of 1
Read time	6 + 0.25 x (number of 16-bit words) ms
Write time	6 + 0.25 x (number of 16-bit words) ms
IP Degree of Protection	IP68
Fixing Mode	By clips By screws

Complementary

Memory type	FeRAM
Memory operation	Read/write
Number of read cycles	100000000000
Number of write cycles	10000000000 -13...158 °F (-25...70 °C)
Maximum linear speed with "auto read/write function"	7.5 Ft/S (2.3 m/s) XGCS49 read a serial number 5.9 Ft/S (1.8 m/s) XGCS49 read a word 5.6 Ft/S (1.7 m/s) XGCS49 read or write 10 words 12.5 Ft/S (3.8 m/s) XGCS89 read a serial number 9.8 Ft/S (3 m/s) XGCS89 read a word 8.5 Ft/S (2.6 m/s) XGCS89 read or write 10 words 12.5 Ft/S (3.8 m/s) XGCS85 read a serial number 9.8 Ft/S (3 m/s) XGCS85 read a word 8.5 ft/s (2.6 m/s) XGCS85 read or write 10 words
Data retention time	10 year(s)
Mounting location	Possible on metal support
Material	PBT (polybutylene terephthalate)
Net Weight	0.068 lb(US) (0.031 kg)

Environment

Standards	ISO 14443
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 5...29.5 Hz)EN 60068-2-6 7 gn 29.5...150 Hz)EN 60068-2-6
Shock resistance	30 gn 11 ms EN 60068-2-27
IK degree of protection	IK02 conforming to EN 50102

Ordering and shipping details

Category	US10DS222491
Discount Schedule	0DS2
GTIN	3389119079907
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.8 in (2.0 cm)
Package 1 Width	2.4 in (6.1 cm)
Package 1 Length	3.5 in (8.8 cm)
Package 1 Weight	1.7 oz (47.0 g)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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