

ATEX Category 3 Certificate

Certificate of Conformity for Group II Category 3 G equipment in accordance with Directive 2014/34/EU.

Certificate relating to the following products:-

Product	Description	T Rating	Ambient Temperature
9202-ETX-L-SC	Ethernet copper to long haul single mode fibre media converter	T5	-10 to +60°C
9202-ETX-L-ST	Ethernet copper to long haul single mode fibre media converter	T5	-10 to +60°C
9202-ETX-M-SC	Ethernet copper to multi mode fibre media converter	T5	-10 to +60°C
9202-ETX-M-ST	Ethernet copper to multi mode fibre media converter	T5	-10 to +60°C
9202-ETX-S-SC	Ethernet copper to single mode fibre media converter	T5	-10 to +60°C
9202-ETX-S-ST	Ethernet copper to single mode fibre media converter	T5	-10 to +60°C
9205-ET	5 port Ethernet unmanaged switch	T4	-40 to +85°C
9205-ET-4P	5 port Ethernet PoE switch	T4	-40 to +75°C
9205-ET-4P-L-SC	5 port Ethernet PoE switch long haul single mode fibre port	T4	-40 to +75°C
9205-ET-4P-L-ST	5 port Ethernet PoE switch long haul single mode fibre port	T4	-40 to +75°C
9205-ET-4P-M-SC	5 port Ethernet PoE switch multi mode fibre port	T4	-40 to +75°C
9205-ET-4P-M-ST	5 port Ethernet PoE switch multi mode fibre port	T4	-40 to +75°C
9205-ET-4P-S-SC	5 port Ethernet PoE switch single mode fibre port	T4	-40 to +75°C
9205-ET-4P-S-ST	5 port Ethernet PoE switch single mode fibre port	T4	-40 to +75°C
9205-ET-L-SC	5 port Ethernet unmanaged switch long haul single mode fibre port	T4	-40 to +85°C
9205-ET-L-ST	5 port Ethernet unmanaged switch long haul single mode fibre port	T4	-40 to +85°C
9205-ETM	5 port Ethernet managed switch	T4	-40 to +75°C

9205-ETM-2L-SC	5 port Ethernet managed switch 2 long haul single mode fibre ports	T4	-40 to +75°C
9205-ETM-2L-ST	5 port Ethernet managed switch 2 long haul single mode fibre ports	T4	-40 to +75°C
9205-ETM-2M-SC	5 port Ethernet managed switch 2 multi mode fibre ports	T4	-40 to +75°C
9205-ETM-2M-ST	5 port Ethernet managed switch 2 multi mode fibre ports	T4	-40 to +75°C
9205-ETM-2S-SC	5 port Ethernet managed switch 2 single mode fibre ports	T4	-40 to +75°C
9205-ETM-2S-ST	5 port Ethernet managed switch 2 single mode fibre ports	T4	-40 to +75°C
9205-ET-M-SC	5 port Ethernet unmanaged switch multi mode fibre port	T4	-40 to +85°C
9205-ET-M-ST	5 port Ethernet unmanaged switch multi mode fibre port	T4	-40 to +85°C
9205-ET-S-SC	5 port Ethernet unmanaged switch single mode fibre port	T4	-40 to +85°C
9205-ET-S-ST	5 port Ethernet unmanaged switch single mode fibre port	T4	-40 to +85°C
9205-ETX	5 port Ethernet unmanaged switch -10 to 60°C	T5	-40 to +60°C
9205-ETX-L-SC	5 port Ethernet unmanaged switch long haul single mode fibre port	T5	-40 to +60°C
9205-ETX-L-ST	5 port Ethernet unmanaged switch long haul single mode fibre port	T5	-40 to +60°C
9205-ETX-M-SC	5 port Ethernet unmanaged switch multi mode fibre port	T5	-40 to +60°C
9205-ETX-M-ST	5 port Ethernet unmanaged switch multi mode fibre port	T5	-40 to +60°C
9205-ETX-S-SC	5 port Ethernet unmanaged switch single mode fibre port	T5	-40 to +60°C
9205-ETX-S-ST	5 port Ethernet unmanaged switch single mode fibre port	T5	-40 to +60°C
9206-ET-2L-SC	6 port Ethernet unmanaged switch 2 long haul single mode fibre ports	T4	-40 to +85°C
9206-ET-2L-ST	6 port Ethernet unmanaged switch 2 long haul single mode fibre ports	T4	-40 to +85°C
9206-ET-2M-SC	6 port Ethernet unmanaged switch 2 multi mode fibre ports	T4	-40 to +85°C
9206-ET-2M-ST	6 port Ethernet unmanaged switch 2 multi mode fibre ports	T4	-40 to +85°C
9206-ET-2S-SC	6 port Ethernet unmanaged switch 2 single mode fibre ports	T4	-40 to +85°C
9206-ET-2S-ST	6 port Ethernet unmanaged switch 2 single mode fibre ports	T4	-40 to +85°C
9206-ETR	6 port Ethernet ring switch	T4	-40 to +85°C
9206-ETR-2L-SC	6 port Ethernet ring switch 2 long haul single mode fibre ports	T4	-40 to +85°C
9206-ETR-2L-ST	6 port Ethernet ring switch 2 long haul single mode fibre ports	T4	-40 to +85°C
9206-ETR-2M-SC	6 port Ethernet ring switch 2 multi mode fibre ports	T4	-40 to +85°C
9206-ETR-2M-ST	6 port Ethernet ring switch 2 multi mode fibre ports	T4	-40 to +85°C
9206-ETR-2S-SC	6 port Ethernet ring switch 2 single mode fibre ports	T4	-40 to +85°C
9206-ETR-2S-ST	6 port Ethernet ring switch 2 single mode fibre ports	T4	-40 to +85°C

9206-ETRX	6 port Ethernet ring switch -40 to 60°C	T4	-40 to +60°C
9206-ETRX-2L-SC	6 port Ethernet ring switch 2 long haul single mode fibre ports	T4	-40 to +60°C
9206-ETRX-2L-ST	6 port Ethernet ring switch 2 long haul single mode fibre ports	T4	-40 to +60°C
9206-ETRX-2M-SC	6 port Ethernet ring switch 2 multi mode fibre ports	T4	-40 to +60°C
9206-ETRX-2M-ST	6 port Ethernet ring switch 2 multi mode fibre ports	T4	-40 to +60°C
9208-ET	8 port Ethernet unmanaged switch	T4	-40 to +85°C
9208-ET-3L-SC	9 port Ethernet unmanaged switch 3 long haul single mode fibre ports	T4	-40 to +85°C
9208-ET-3L-ST	9 port Ethernet unmanaged switch 3 long haul single mode fibre ports	T4	-40 to +85°C
9208-ET-3M-SC	9 port Ethernet unmanaged switch 3 multi mode fibre ports	T4	-40 to +85°C
9208-ET-3M-ST	9 port Ethernet unmanaged switch 3 multi mode fibre ports	T4	-40 to +85°C
9208-ET-3S-SC	9 port Ethernet unmanaged switch 3 single mode fibre ports	T4	-40 to +85°C
9208-ET-3S-ST	9 port Ethernet unmanaged switch 3 single mode fibre ports	T4	-40 to +85°C
9208-ETM	8 port Ethernet managed switch	T4	-40 to +75°C
9208-ETM-2L-SC	8 port Ethernet managed switch 2 long haul single mode fibre ports	T4	-40 to +75°C
9208-ETM-2L-ST	8 port Ethernet managed switch 2 long haul single mode fibre ports	T4	-40 to +75°C
9208-ETM-2M-SC	8 port Ethernet managed switch 2 multi mode fibre ports	T4	-40 to +75°C
9208-ETM-2M-ST	8 port Ethernet managed switch 2 multi mode fibre ports	T4	-40 to +75°C
9208-ETM-2S-SC	8 port Ethernet managed switch 2 single mode fibre ports	T4	-40 to +75°C
9208-ETM-2S-ST	8 port Ethernet managed switch 2 single mode fibre ports	T4	-40 to +75°C
9208-ETM-4L-SC	8 port Ethernet managed switch 4 long haul single mode fibre ports	T4	-40 to +75°C
9208-ETM-4L-ST	8 port Ethernet managed switch 4 long haul single mode fibre ports	T4	-40 to +75°C
9208-ETM-4M-SC	8 port Ethernet managed switch 4 multi mode fibre ports	T4	-40 to +75°C
9208-ETM-4M-ST	8 port Ethernet managed switch 4 multi mode fibre ports	T4	-40 to +75°C
9208-ETM-4S-SC	8 port Ethernet managed switch 4 single mode fibre ports	T4	-40 to +75°C
9208-ETM-4S-ST	8 port Ethernet managed switch 4 single mode fibre ports	T4	-40 to +75°C
9208-ETMG-4F	8 port Ethernet managed Gigabit switch 4 SFP slots	T4	-40 to +75°C
9208-ETX	8 port Ethernet unmanaged switch -40 to 60°C	T5	-40 to +60°C
9209-ET-L-SC	9 port Ethernet unmanaged switch long haul single mode fibre port	T4	-40 to +85°C
9209-ET-L-ST	9 port Ethernet unmanaged switch long haul single mode fibre port	T4	-40 to +85°C
9209-ET-M-SC	9 port Ethernet unmanaged switch multi mode fibre port	T4	-40 to +85°C

9209-ET-M-ST	9 port Ethernet unmanaged switch multi mode fibre port	T4	-40 to +85°C
9209-ET-S-SC	9 port Ethernet unmanaged switch single mode fibre port	T4	-40 to +85°C
9209-ET-S-ST	9 port Ethernet unmanaged switch single mode fibre port	T4	-40 to +85°C
9209-ETX-L-SC	9 port Ethernet unmanaged switch long haul single mode fibre port	T5	-40 to +60°C
9209-ETX-L-ST	9 port Ethernet unmanaged switch long haul single mode fibre port	T5	-40 to +60°C
9209-ETX-M-SC	9 port Ethernet unmanaged switch multi mode fibre port	T5	-40 to +60°C
9209-ETX-M-ST	9 port Ethernet unmanaged switch multi mode fibre port	T5	-40 to +60°C
9209-ETX-S-SC	9 port Ethernet unmanaged switch single mode fibre port	T5	-40 to +60°C
9209-ETX-S-ST	9 port Ethernet unmanaged switch single mode fibre port	T5	-40 to +60°C
9210-ETM-3G-2F	10 port Ethernet managed switch 3 Gigabit ports 2 SFP slots	T4	-40 to +75°C
9216-ETM	16 port Ethernet managed switch	T4	-40 to +75°C
9218-ETM-2G-2F	18 port Ethernet managed switch 2 Gigabit ports 2 SFP slots	T4	-40 to +75°C
9299-PD14	PoE splitter 14Vdc	T5	-40 to +75°C
9299-PD24	PoE splitter 24Vdc	T5	-40 to +75°C
9299-PSE24A	PoE injector 24Vdc unused pairs	T3	-40 to +75°C
9299-PSE24B	PoE injector 24Vdc signal pairs	T3	-40 to +75°C
9299-PSE48A	PoE injector 48Vdc unused pairs	T4	-40 to +75°C
9299-PSE48B	PoE injector 48Vdc signal pairs	T4	-40 to +75°C

This equipment fulfils all the requirements for Group II, Category 3 G equipment in accordance with Directive 2014/34/EU when installed according to the Special Conditions of Safe Use listed below. The design complies with EN 60079-0:2012+A11:2013 and EN 60079-15:2010. The analysis is fully documented in Technical File TF-9200.

This equipment has intrinsically safe connections, and has been separately assessed as associated equipment by Baseefa, which is not covered by this certificate. All other connections of this equipment are non-sparking in normal operation. The equipment in normal operation is incapable of producing arcs, sparks or hot surfaces which may cause ignition and is designed to be installed and used in accordance with EN 60079-14:2008 incorporating corrigendum October 2011. Note Special Conditions of Safe Use below.

The required marking of the apparatus is as specified in the Technical File referenced above and includes the distinctive community mark:



In addition, the marking will include the CENELEC codes:

Ex nA IIC T3 Ta -40 to +75°C

Ex nA IIC T4 Ta -40 to +60°C

Ex nA IIC T4 Ta -40 to +75°C

Ex nA IIC T4 Ta -40 to +85°C

Ex nA IIC T5 Ta -10 to +60°C

Ex nA IIC T5 Ta -40 to +60°C

Ex nA IIC T5 Ta -40 to +75°C

The nA applies to the non-sparking connections, and also signifies that the equipment is incapable in normal operation of producing sparks or hot surfaces that may cause ignition.

The ambient temperature limitation for each apparatus is according to the table above.

Manufacture is controlled by an ISO9001:2015 approved system.

The apparatus meets the ATEX Directive requirements for electromagnetic radiation by complying with the EMC Directive 2014/30/EU.

The standards published in the Official Journal of the European Commission with reference to the Low Voltage Directive 2014/35/EU have been used to fulfil the requirements of 1.2.7 of Annex II of directive 2014/34/EU to avoid electrical risks.

If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to Special Conditions of Safe Use specified elsewhere in this certificate.

Special Conditions of Safe Use

- a. When used in Zone 2, the equipment must be installed in an enclosure or environment that provides a degree of protection of at least IP 54 and meets the relevant material and environmental requirements of EN 60079-0:2012 and EN 60079-15:2010.
- b. Connections to the equipment must not be inserted or removed unless the area in which the equipment is installed is known to be non-hazardous, or the circuit to which it is connected has been de-energised.