

ISOBUS BREAKAWAY CONNECTOR (IBBC)

The ISOBUS Breakaway Connector (IBBC) is a standardized interface between the tractor and the implement, enabling a reliable power supply and stable data communication in accordance to the ISO 11783. Due to standardization, the connectors ensure cross-manufacturer plug-and-play integration.

To meet various requirements and integration needs, the IBBC is available in different variants. From centrally powered Active sockets to Passive variants for additional connection options, as well as modern TPPL solutions and versions with integrated overcurrent protection or simple signal transmission.

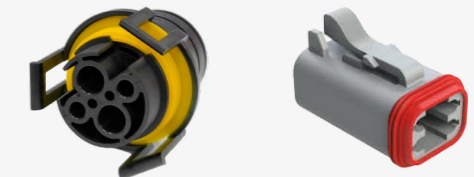


Criteria	IBBC
Number of contacts	2+2+4+1
Rated Voltage	12 V
Max. Current	60 A
Temperature Range	-40°C to 105°C
IP Degree of Protection	IP67 / IP6K9K (in mated condition)
Mechanical Lifetime	>100 mating cycles
Locking System	Bajonett

KEY FEATURES:

- Standardized according to ISO 11783-2
- Breakaway function
- Plug-and-play between tractor and implement
- CAN bus communication and power supply in one system
- Same locking system for the closed lid and the inserted connector
- 5 different versions for different installation types

We also offer the components for the ISOBUS IBBC on the tractor side as also the Bus Extension Connector.



PART NUMBER	DESCRIPTION
AHDP03-24-91P-ABLK M	Isobus, Active, 150 Ω, TQPL Black Master
AHDP03-24-91P-BGRYS	Isobus, Passive, 150 Ω, TQPL Gray Slave
AHDP03-24-91P-CGRNS	Isobus, Passive CM, 150 Ω, TQPL Green Slave
AHDP03-24-91P-DBLU	Isobus, 120 Ω, TPPL, Blue
AHDP03-24-91P-EPUR	Isobus, Pass-Through, Purple



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