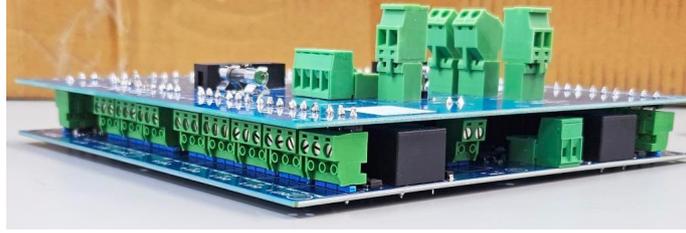


## KeyLab Access Control Connection Hat Datasheet - Gallagher



KeyLab Gallagher connection hats form part of the KeyLab electronic key management system.

The hats are special PCBs that mount above popular Gallagher I/O expanders and feature pins that plug directly into the expander terminals. The KeyLab connection transfers the I/O signals to key cabinet hardware via dedicated ribbon cables.

Power and HBUS connections are made to the KeyLab connection hat and are transferred to the I/O expander below.

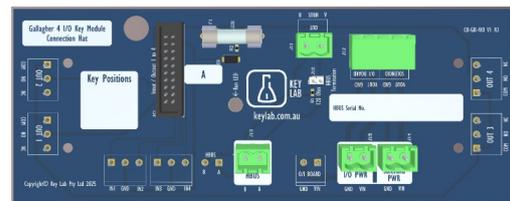
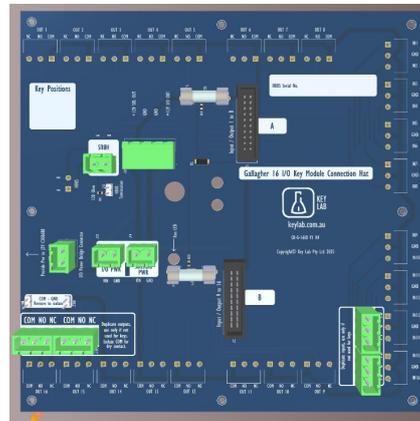
This connection method allows efficient wiring and enables the Gallagher system to directly control and monitor key access without the need for high-level integration.

### Features

- Efficient plug on termination system
- On-board fuses for over-current protection
- Compatible with the most popular Gallagher HBUS expanders
- Backwards compatible with GBUS expanders

### System Compatibility

- Gallagher
- ReKey conversions
- KeyLab key cabinets



ReKey Gallagher Connection Hats	RK-H-G16	RK-H-G4
Dimensions (fitted to expander)	180x180x52mm	180x70x52mm
Expander Compatibility	C300688 (HDIO)	C300684 (8I4O)
Keys controlled/monitored	16/16	4/4
Power	12mA	6mA
Ribbon cable connector sockets	2	1
Fuse	2 X M205, 3A fast blow	1 X M205, 3A fast blow
Voltage	13.8VDC +/- 10%	13.8VDC +/- 10%
Materials	Polyamide 46, fiberglass, copper	Polyamide 46, fiberglass, copper
Colour	Blue	Blue
Country of origin	China	China
RoHS	Compliant	Compliant
Terminal conductor size	Max 2.5mm <sup>2</sup> (24-12AWG)	Max 2.5mm <sup>2</sup> (24-12AWG)