

DAS-CF-11/1-EU



400Hz Aircraft Connectors

INTRODUCTION

Dabico is a leading company for aircraft connectors used worldwide. The Dabico 400Hz aircraft connectors are available in a wide variety.

ADVANTAGES

- Robust design
- Highly abrasion and chemical resistant material for housing: cross linked thermoplastic
- All contacts sealed with water proof resin
- Operating temperature range -65°C to +125°C (-85°F to +257°F)
- All parts are replaceable



400 XPV



XP4



400 XPS

MAIN COMPONENTS

- Connector front part replaceable
- Replaceable silver plated contacts
- Contact holder
- Fixed silver plated contacts (A,B,C,N,E,F)
- Connector half housing
- Replaceable push-buttons
- Single LEDs
- Replaceable pilot contact

OPTIONS

- Micro switch: signals contact closed when connector at least 80% engaged, ensures voltage is applied only when proper mechanical connection is established
- LED: show connection status
- Control buttons: let operator control 400Hz supply and cable coiler directly at connector
- Temperature sensors: in contacts A, B and C prevent connector from overheating



TECHNICAL CHARACTERISTICS & CONFIGURATION EXAMPLES

Nominal voltage:	115/200V, 400Hz
Current carrying capacity:	260A / 90kVA
Current overload:	700A / 3 min
Test voltage:	4kV
Micro switch:	max. 30V DC, 0.5A
Operating temperature:	-65°C to +125°C (-85°F to +257°F)
Protection class:	IP67 for mounted connector
Push and pull forces:	acc. to DIN EN 61984 ≤ 445 N
Applicable norms:	VG 95319, ISO 461 and MIL-C-7974D, MS 25486, Mates to Mil Spec MS90362 receptacle

Connector version	Buttons		Micro switch	LED	Temp. sensors	Nose configuration		Replaceable contacts	Cable types
	on/off	in/out				long	short		
400XP			0-2	0-2	optional	x		Yes	on request
400XP-2	x		0-2	0-6	optional	x		Yes	on request
400XP-4	x	x	0-2	0-6	optional	x		Yes	on request
400XPS			0-2	0-2	optional		x	No**	on request
400XPV*			2	0	optional	x		Yes	on request
400XPVS			2	0	optional		x	Yes	on request

* defence version, VG-certified

** custom models available upon request

TECHNICAL DIMENSIONS

