

Digital Output; 24 VDC



Figure: 750-506

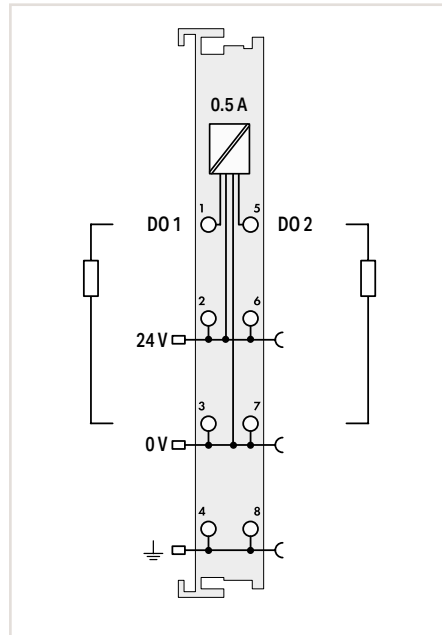
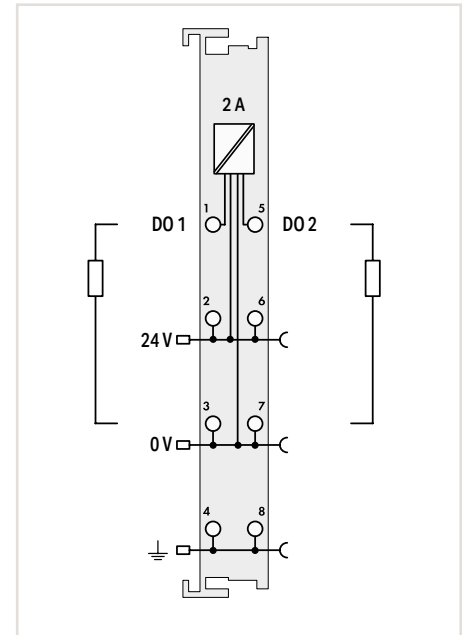


Figure: 753-506



Item Description		2-Channel Digital Output; 24 VDC; 0.5 A; Diagnostics			2-Channel Digital Output; 24 VDC; 2.0 A; Diagnostics		
Version		Standard	Interference-free	Pluggable (delivery without connector)	Standard	Interference-free	Pluggable (delivery without connector)
Item No.		750-506	750-506/000-800	753-506	750-508	750-508/000-800	753-508
Order Text		2DO; 24 VDC; 0.5A; Diagn	2DO; 24 VDC; 0.5A; IF; Diagn	2DO; 24 VDC; 0.5A; Diagn	2DO; 24 VDC; 2A; Diagn	2DO; 24 VDC; 2A; IF; Diagn	2DO; 24 VDC; 2A; Diagn
Technical Data							
Pluggable connector				•			•
Interference-free for use in safety functions			•			•	
Number of digital outputs		2			2		
Signal type		24 VDC			24 VDC		
Output characteristic		High-side switching			High-side switching		
Output current per channel		0.5 A; short-circuit-protected			2 A; short-circuit-protected		
Load type		Resistive; inductive; lamp load			Resistive; inductive; lamp load		
Actuator connection		2-wire; 3-wire; 4-wire			2-wire; 3-wire; 4-wire		
Switching frequency (max.)		5 kHz			1 kHz		
Diagnostics		Open circuit; short circuit; overload			Open circuit; short circuit; overload		
Supply voltage (field)		24 VDC (–15 ... +20 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)			24 VDC (–25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)		
Current consumption – system supply (5 V)		15 mA			14 mA		
Data width (internal)		2-bit input; 2-bit output			2-bit input; 2-bit output		
Isolation		500 V (system/field)			500 V (system/field)		
Surrounding air temperature (operation)		0 ... +55 °C			0 ... +55 °C		
Dimensions W x H x D		12 x 69.8 x 100 mm			12 x 69.8 x 100 mm		
Approvals		CE; OrdLoc/HazLoc; ATEX/IECEX			CE; Marine; OrdLoc/HazLoc; ATEX/IECEX		
Accessories		Item No.			Item No.		
Pluggable connector		753-110			753-110		
Coding keys		753-150			753-150		