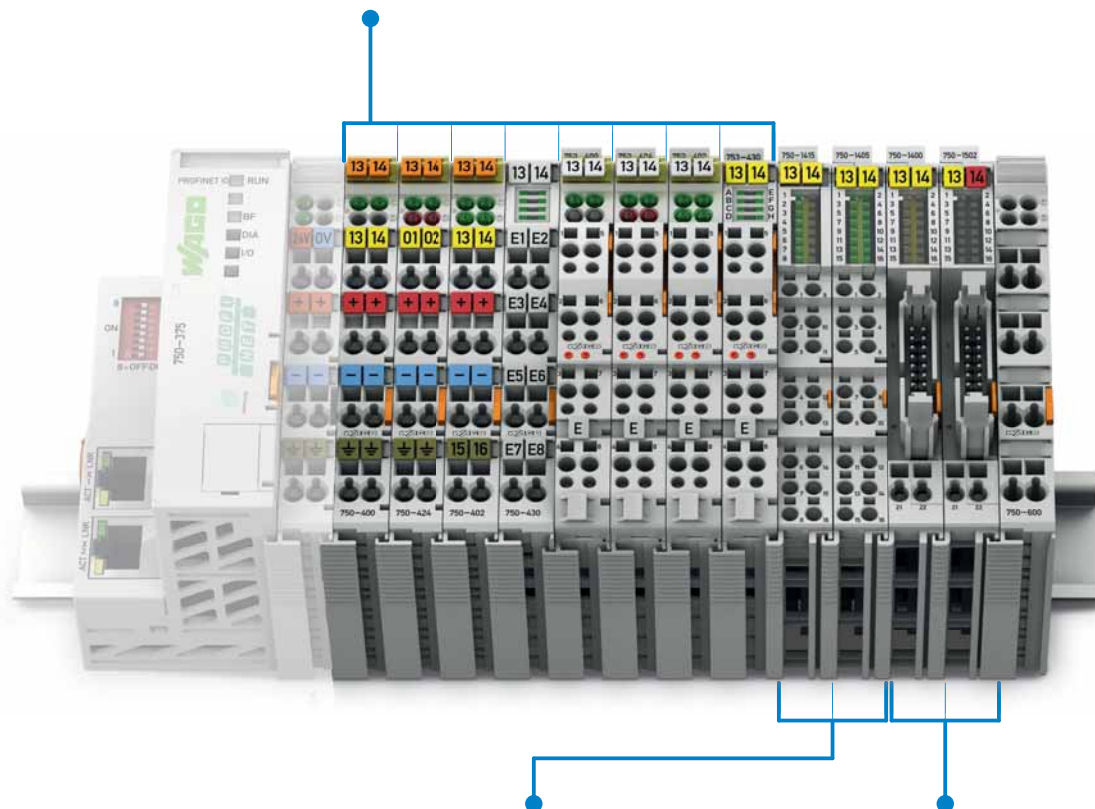




Housing Design 750/753 Series	
Dimensions (mm) W x H x L	12 x 65 x 100 (Height from upper edge of the DIN-rail)
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Strip lengths	750 Series: 8 ... 9 mm / 0.33 in. 753 Series: 9 ... 10 mm / 0.37 in.



Housing Design 750 Series with CAGE CLAMP® S Connection (16 Connection Terminals)	
Wire connection	CAGE CLAMP® S
Cross sections	solid: 0.08 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / 28 ... 16 AWG fine-stranded: 0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> / 22 ... 16 AWG
Strip lengths	8 ... 9 mm / 0.33 in.

Housing Design 750 Series with Ribbon Cable Connector	
Dimensions (mm) W x H x L	12 x 73 x 100 (Height from upper edge of the DIN-rail)
Wire connection	20-pole male connector/CAGE CLAMP®



# Modular I/O-System Overview

## Digital Input Modules

Function	2-Channel DI	4-Channel DI	8-Channel DI	8-Channel DIO	16-Channel DI	Description	Item No.			Page	
							Standard	/T Extended operating temperature range: -20 °C ... +60 °C	Pluggable		
5 VDC		☐				0.2 ms, high-side switch.	750-414			184	
5/12 VDC			☐			(5 ... 14 VDC) 0.2 ms, high-side switch.			753-434	185	
24 VDC	☐					3.0 ms, high-side switch.	750-400	750-400/025-000	753-400	186	
	☐					0.2 ms, high-side switch.	750-401		753-401	186	
	☐					3.0 ms, high-side switch., proximity switch	750-410		753-410	187	
	☐					0.2 ms, high-side switch., proximity switch	750-411		753-411	187	
	☐					3.0 ms, high-side switch., diagnostics, acknol.	750-418		753-418	188	
	☐					3.0 ms, high-side switch., diagnostics	750-421		753-421	188	
	☐					NAMUR, Proximity switch acc. to DIN EN 60947-5-6	750-425		753-425	215	
	☐					Intruder detection	750-424		753-424	216	
			☐				3.0 ms, high-side switch.	750-402	750-402/025-000	753-402	189
			☐				0.2 ms, high-side switch.	750-403		753-403	189
			☐				3.0 ms, high-side switch.	750-432		753-432	190
			☐				0.2 ms, high-side switch.	750-433		753-433	190
			☐				Pulse extension, 10 ms	750-422		753-422	191
			☐				3.0 ms, low-side switch.	750-408	750-408/025-000	753-408	192
			☐				0.2 ms, low-side switch.	750-409		753-409	192
			☐				3.0 ms, 3-conductor	750-1420			193
			☐				0.2 ms, 3-conductor	750-1421			193
			☐				3.0 ms, low-side switch., 3-conductor	750-1422			194
			☐				0.2 ms, low-side switch., 3-conductor	750-1423			194
				☐			3.0 ms, high-side switch.	750-430	750-430/025-000	753-430	195
				☐			0.2 ms, high-side switch.	750-431		753-431	195
				☐			3.0 ms, low-side switch.	750-436		753-436	196
				☐			0.2 ms, low-side switch.	750-437		753-437	196
				☐			3.0 ms, 2-conductor	750-1415			199
				☐			0.2 ms, 2-conductor	750-1416			199
				☐			3.0 ms, low-side switch., 2-conductor	750-1417			200
				☐			0.2 ms, low-side switch., 2-conductor	750-1418			200
				☐		0.5 A, high-side switch., ribbon cable	750-1502			197	
				☐		0.5 A, high-side switch.	750-1506			198	
					☐	3.0 ms, high-side switch., ribbon cable	750-1400			201	
					☐	3.0 ms, high-side switch.	750-1405			202	
					☐	0.2 ms, high-side switch.	750-1406			202	
					☐	3.0 ms, low-side switch., ribbon cable	750-1402			203	
					☐	3.0 ms, low-side switch.	750-1407			204	
24 V AC/DC		☐				20 ms	750-415		753-415	205	
		☐				50 ms, power jumper contacts	750-423		753-423	206	
42 V AC/DC		☐				20 ms	750-428		753-428	207	
48 VDC	☐					3.0 ms, high-side switch.	750-412		753-412	208	
60 VDC	☐					3.0 ms, high-side switch.			753-429	209	
110 VDC	☐					3.0 ms, high-side switch. or low-side switch.	750-427		753-427	210	
220 VDC	☐					3.0 ms, high-side switch.	750-407			211	
120 VAC	☐					10 ms, high-side switch.	750-406		753-406	212	
120/230 VAC		☐				(120 ... 230 VAC) 10 ms, high-side switch.			753-440	213	
230 VAC	☐					10 ms, high-side switch.	750-405		753-405	214	
PTC			☐			Connects to PTC thermistors according to DIN 44081/44082	750-1425			217	
<b>Functional Safety</b>							see Section 4.8				
<b>Ex i</b>							see Section 4.9				