

8-channel digital input module; 24 VDC; 3.0 ms; high-side switching; 1-conductor connection

Item No.: 750-430



8-channel digital input module; 24 VDC; 3.0 ms; high-side switching; 1-conductor connection

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	750-430
EAN	4045454392802
Content	1
Order amount	1
Customer item number	

Notes

The digital input module provides 8 channels at a width of just 12mm (0.47in.). It receives control signals from the digital field devices (sensors, etc.). Each input module has a noise-rejection filter. This filter is available with different time constants. Field and system levels are electrically isolated.

Technical data

Miscellaneous

Color	light gray
Conformity marking	CE
Number of inputs	8
Isolation	500 V system/supply
Voltage via power jumper contacts	24 V DC (-25 % ... +30 %)
Current via power jumper contacts (max.) [A]	10 [A]
Current consumption (internal) [mA]	17 [mA]

Technical data	
Signal voltage (0)	-3 V ... +5 V DC
Signal voltage (1)	15 V ... 30 V DC
Input filter	3.0 ms
Input current (typ.)	2.8 mA
Internal bit width	8 bits
Degree of pollution	II; acc. to IEC 61131-2
Voltage drop at I max [V]	< 1 [V]
Degree of protection	IP20
Data contacts	Gleitkontakte, hartvergoldet, 1,5µm, selbstreinigend
Power jumper contacts	Messer-/Federkontakt, selbstreinigend
Clearances and creepage distances	gem. IEC 60664-1
Connection technology (1)	CAGE CLAMP®
Cross section from (1) [mm²]	0.08 [mm²]
Cross section up to (1) [mm²]	2.5 [mm²]
Cross section from (1) [AWG]	28 [AWG]
Cross section up to (1) [AWG]	14 [AWG]
Stripped length from (1) [mm]	8 [mm]
Stripped length up to (1) [mm]	9 [mm]
Stripped length (1) [in]	0.33 [in]
Fire load [MJ]	1.089 [MJ]
Weight [g]	48.272 [g]
Width [mm]	12 [mm]
Width [in]	0.472 [in]
Height [mm]	64 [mm]
Height [in]	2.52 [in]
Length [mm]	100 [mm]
Length [in]	3.937 [in]
Storage temperature	-25 °C ... +85 °C
Relative air humidity (no condensation) [%]	95 [%]
Type of mounting	DIN 35 rail
Operating temperature	0°C ... +55°C
Mounting position	any
Exposure to pollutants	gem. IEC 60068-2-42 und IEC 60068-2-43
EMC: marine applications - emission of interference	acc. to Germanischer Lloyd (2003)

Technical data	
EMC: marine applications - immunity to interference	acc. to Germanischer Lloyd (2003)
EMC: CE - emission of interference	acc. to EN 61000-6-4 (2007)
EMC: CE - immunity to interference	acc. to EN 61000-6-2 (2005)
Housing material	Polycarbonat, Polyamid 6.6
Maximum pollutant concentration with a relative humidity < 7	SO ₂ 25 ppm; H ₂ S 10 ppm
Shock resistance	acc. to IEC 60068-2-27
Vibration resistance	acc. to IEC 60068-2-6

Approbation					
Item No.	Registration	Registration no.	Voltage [V]	Current [A]	Cross section [mm ² , AWG]
750-430	ABS	10-HN1775034-X			
750-430	ABS	03-HG374860/3-PDA			
750-430	BSH	Bescheinigung Nr. 467			
750-430	BV	13453/C0 BV			
750-430	DNV	A-12306			
750-430	GL	26 898 - 05 HH			
750-430	IECEX	IECEX PTB 07.0067/01			
750-430	KR	HMB05880-AC002			
750-430	LR	02/20026 (E4)			
750-430	NK	TA12716M			
750-430	Rina	ELE134212XG			
750-430	UL	08 ATEX 142851 X			
750-430	UL	E175199 Sec.1			
750-430	UL	E198726 Sec.1			

Accessories

Accessories

Carrier rail

Item no.	Description	Pack. unit (Sub Pack)
210-112	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to en 60715; "Hole width 25 mm	1
210-113	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to en 60715	1
210-114	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; according to en 60715	1
210-115	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to en 60715; "Hole width 18 mm	1
210-118	Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to en 60715	1
210-196	Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; according to en 60715	1
210-197	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; according to en 60715	1
210-198	Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to en 60715	1
210-504	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715	1
210-505	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715	1
210-506	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; ähnlich EN 60715	1
210-508	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; ähnlich EN 60715	1

Accessories

Marking accessories

Item no.	Description	Pack. unit (Sub Pack)
2009-145	Mini-WSB Inline; plain; 1,700 Mini-WSB markers (5 mm) on roll; stretchable 5 - 5.2 mm	1
248-501	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-002	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-005	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-006	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-007	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-012	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-017	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-023	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-024	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
750-100	Markers for group marker carrier; DIN A4 sheet (160 markers)	1
750-103	750/753 Series marker carrier	50

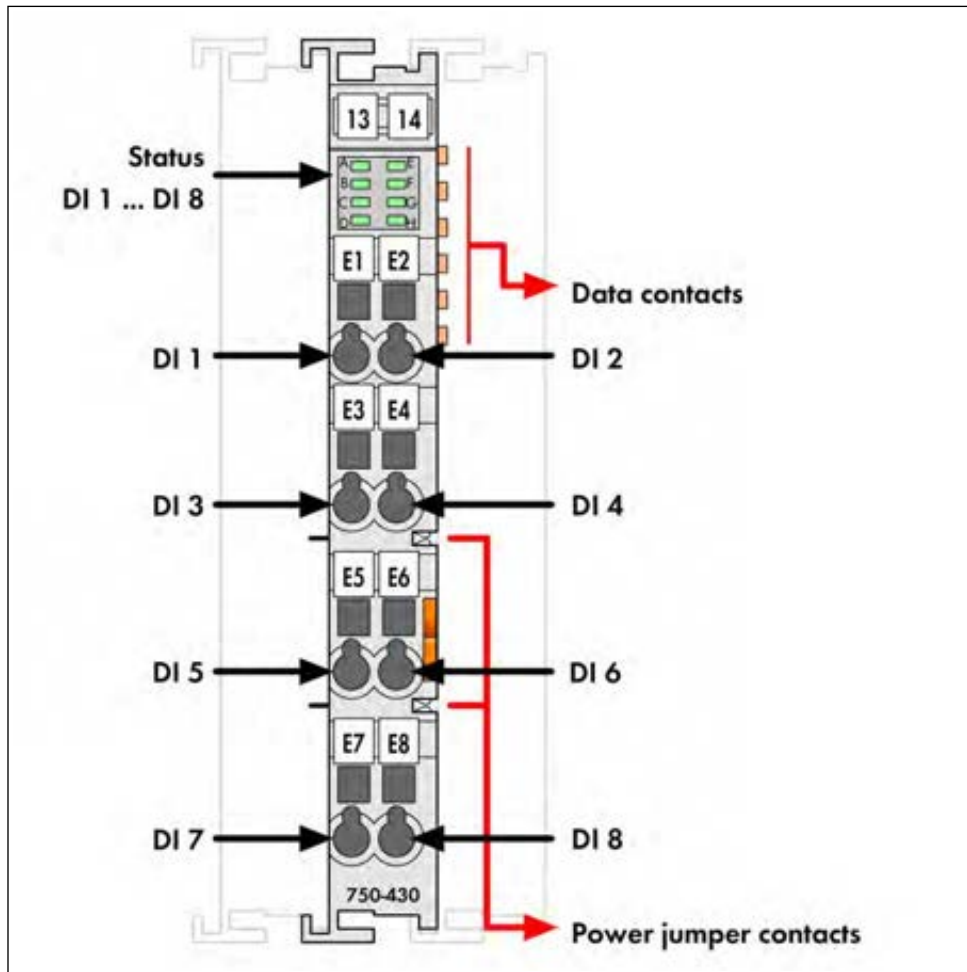
Accessories

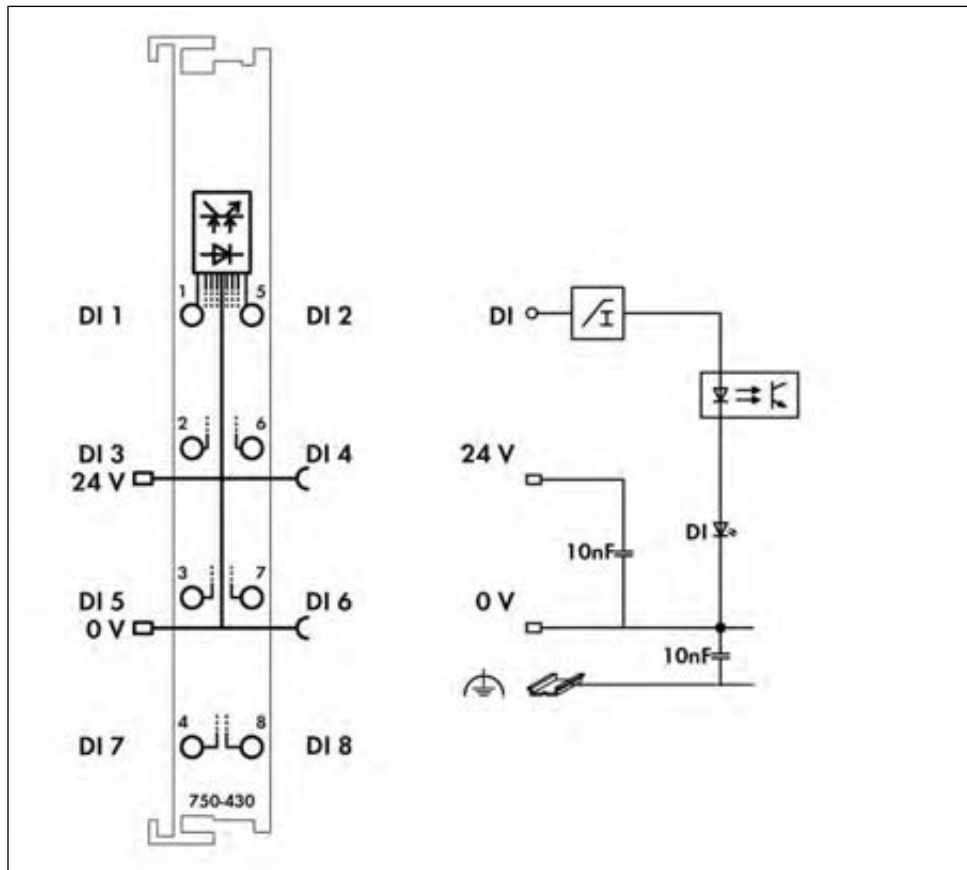
General accessory

Item no.	Description	Pack. unit (Sub Pack)
210-719	Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm; suitable for 279, 726, 727, 2000, 2001 and 2020 series	1
210-720	Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm; suitable for 260, 261, 262, 264, 270, 280, 281, 290, 775, 776, 777, 769, 780, 781, 869, 870, 880, 2002, 2003, 2004, 2005 and 2022 Series	1
288-812	Power supply unit; with universal mounting carrier; AC 230 V / DC 24 V;; Output voltage indication	1
288-813	Power supply unit; with universal mounting carrier; AC 115 V / DC 24 V;; Output voltage indication	1
790-108	Shield clamping saddle; 11 mm wide; diameter of compatible conductor; up to 8 mm	10
790-116	Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 mm to 16 mm	10
790-124	Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 mm to 24 mm	10
790-140	Shield clamping saddle; 43 mm wide; diameter of compatible conductor; 22 mm to 40 mm	10

Images & drawings







Address

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Technische Änderungen und Irrtümer vorbehalten.