PDP67 F 8DI ION PT 773616



Decentralised input module for PNOZmulti, protection type IP67,connection via connection module, 8 safe digital inputs, 8 outputs configurable as standard, test pulse or 24 V, plastic connectors.

Technical details

General data	
Approval:	CE, cULus Listed
Application range:	Standard/failsafe
Technical data	
Electrical data	
Purpose of U1:	supply
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Supply voltage U1 to UL:	24 VDC Class 2
Power consumption DC:	1.2 W
Terminal V ind. loads off:	-45 V
Permitted loads:	Resistive, Inductive, Capacitive
Inputs	
Number of inputs:	8
Signal level at input at 0:	-3 - +5 VDC
U input to EN 61131-2 Type 1:	24 V DC
Potential isolation input:	No
Semiconductor outputs	
Function of S/C output:	Test pulse output, 24 VDC output, Standard output
DC voltage at output:	24 V DC

Potential isolation of S/C O:	No
S/C output short circuit proof:	Yes
Environmental data	
Climatic suitability to ...:	EN 60068-2-78
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	-30 - 60 °C
Ambient temp. with UL:	40 °C
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-78
Humidity rating:	93 % r. h. at 40 °C
Condensation permitted?:	Briefly
EMC to standard ...:	EN 61000-4-8, EN 55011: Class A, EN 61000-4-9, EN 61000-4-11, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-2, EN 61000-4-3
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	15g
Clearance & creepage dist. to:	IEC 60664-1
Overvoltage category:	III
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
UL enclosure type:	Type 1 enclosure
Mechanical data	
Mounting position:	any
Housing material lower section:	Elastollan 1185A
Housing material upper part:	Valox 553 GF30
Connection terminal:	M12
Terminal style:	screw interlocked
Height dimension:	133 mm
Width dimension:	61 mm
Depth dimension:	31 mm

Net weight:	190 g
Gross weight:	210 g
Environment	
REACh compliance:	contains min. 1 SVHC-substance
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85389091
UNSPSC 25:	39122331
EAN-Code:	4046548081107
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001599
Volume:	0.354 dm3

Obligatory accessories



630298 PSEN cable M12-5sf 20m



630310 PSEN op cable axial M12 5-pole 3m



630297 PSEN op cable axial M12 5-pole 30m



630311 PSEN op cable axial M12 5-pole 5m

	630312	PSEN op cable axial M12 5-pole 10m

Optional accessories

	380706	PDP67 cable M12-5sm, 10m
	380707	PDP67 cable M12-5sm, 20m
	380209	PSS67 Cable M12sf M12sm, 5m
	380705	PDP67 cable M12-5sm, 3m
	380708	PDP67 cable M12-5sm, 30m
	380709	PDP67 cable M12-5sm, 5m
	380250	PSS67 Supply Cable IN sf OUT sm, B, 3m

	380251	PSS67 Supply Cable IN sf OUT sm, B, 5m
	380210	PSS67 Cable M12sf M12sm, 10m
	380200	PSS67 Cable M8sf M12sm, 3m
	380211	PSS67 Cable M12sf M12sm, 30m
	380252	PSS67 Supply Cable IN sf OUT sm, B, 10m
	380220	PSS67 cable M12-5sf, M12-5sm, 20m
	380258	PSS67 Supply Cable IN sf, B, 10m
	380203	PSS67 Cable M8sf M12sm, 30m
	380325	PSEN sl adapter

	380201	PSS67 Cable M8sf M12sm, 5m
	380256	PSS67 Supply Cable IN sf, B, 3m
	380300	PSEN ma adapter
	380257	PSS67 Supply Cable IN sf, B, 5m
	380301	PSEN cs adapter
	380202	PSS67 Cable M8sf M12sm, 10m
	380208	PSS67 Cable M12sf M12sm, 3m