

PDP67 F 8DI ION HP VA

773615



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, additional supply voltage, stainless steel connectors.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, KOSHA, TÜV
Application range:	Standard/failsafe

Technical data

Electrical data

Purpose of U1:	supply
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Power consumption DC:	1.2 W
Purpose of U2:	Load supply
Supply voltage U2:	24 - 24 V
Type of supply voltage U2:	DC
Tolerance of U2:	-30 %/+25 %
Max. device circuit breaker:	4 A
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
DC voltage at input:	24 V

U input to EN 61131-2 Type 1:	24 V DC
Input type to EN 61131-2:	1, 3
Potential isolation input:	Yes
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:	Yes
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
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
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 55011: Class A, EN 61000-4-8, EN 61000-4-11, EN 61000-4-9, 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
Protection type, housing:	IP67
Potential separation	
Potential isolation 1 between:	Input and int. bus voltage
Type of potential isolation 1:	Basic insulation

Potential isolation 2 between:	SC output and int. bus voltage
Type of potential isolation 2:	Basic insulation
Mechanical data	
Housing material:	PBT, Valox 855
Housing material upper part:	Valox 855
Housing material label holder:	PC
Connection terminal:	M12 1.4305 stainless steel
Terminal style:	screw interlocked
Height dimension:	162 mm
Width dimension:	60 mm
Depth dimension:	30 mm
Net weight:	315 g
Gross weight:	330 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a, 7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead, Lead oxide
%-part of the pollutant:	> 0,1
CAS No.:	7439-92-1, 1317-36-8
SCIP entry available:	yes
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024

ETIM Reference Feature:	EC001599
UNSPSC 25:	39122331
GTIN:	4046548070958
Volume:	0.363 dm3
Harmonized System Code:	85389091
Type of tariff number:	TARIC
Use of customs tariff number:	Ausfuhr, Einfuhr
Quantity per packaging unit:	1

Obligatory accessories



630297

PSEN op cable axial M12 5-pole 30m



630298

PSEN cable M12-5sf 20m



630310

PSEN op cable axial M12 5-pole 3m



630311

PSEN op cable axial M12 5-pole 5m



630312

PSEN op cable axial M12 5-pole 10m

Optional accessories



380200

PSS67 Cable M8sf M12sm, 3m



380201

PSS67 Cable M8sf M12sm, 5m



380202

PSS67 Cable M8sf M12sm, 10m



380203

PSS67 Cable M8sf M12sm, 30m



380208

PSS67 Cable M12sf M12sm, 3m



380209

PSS67 Cable M12sf M12sm, 5m



380210

PSS67 Cable M12sf M12sm, 10m



380211

PSS67 Cable M12sf M12sm, 30m



380220

PSS67 cable M12-5sf, M12-5sm, 20m



380250

PSS67 Supply Cable IN sf OUT sm, B, 3m



380251

PSS67 Supply Cable IN sf OUT sm, B, 5m



380252

PSS67 Supply Cable IN sf OUT sm, B, 10m



380256

PSS67 Supply Cable IN sf, B, 3m



380257

PSS67 Supply Cable IN sf, B, 5m



380258

PSS67 Supply Cable IN sf, B, 10m



380300

PSEN ma adapter



380301

PSEN cs adapter



380324

Caps for IP67 moduls



380325

PSEN sl adapter



380705

PDP67 cable M12-5sm, 3m



380706

PDP67 cable M12-5sm, 10m



380707

PDP67 cable M12-5sm, 20m



380708

PDP67 cable M12-5sm, 30m



380709

PDP67 cable M12-5sm, 5m