

2731830

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Electromechanical reversing load motor starter for INTERBUS; fiber optic technology with 2 Mbaud, inputs (24 V DC), integrated motor protection relay (220 V AC to 440 V AC; 8 A, maximum), sensor connection via 5-pos. M12 female connectors, rugged metal housing, IP67 protection

Your advantages

- · Rugged metal housing
- · Emergency operation on the device or via external operating elements
- · Comprehensive diagnostic functions including motor current monitoring
- · M12 connector for digital inputs
- Rugged Line connector for INTERBUS with fiber optic and supply voltage
- · COMBICON connector for motor output

Commercial data

Item number	2731830
Packing unit	1 pc
Sales key	DR03
Product key	DRI517
GTIN	4017918901820
Weight per piece (including packing)	4,181 g
Weight per piece (excluding packing)	3,800 g
Customs tariff number	85389091
Country of origin	DE



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Technical data

Dimensions

Width	185.1 mm
Height	193 mm
Depth	138 mm

Interfaces

INTERBUS

Connection method	Fiber optics
Transmission speed	2 Mbps

System properties

Module

ID code (dec.)	3
ID code (hex)	03
Length code (hex)	01
Length code (dec)	1
Process data channel	16 bit
Input address area	2 Byte
Output address area	2 Byte
Register length	2 Byte

Input data

Digital: Digital inputs

Number of inputs	6
Connection method	M12 connector
Connection technology	3-, 4-conductor
Number of positions	5
Input voltage	24 V DC (DIN EN 61131-2)
Input voltage range "0" signal	0 V 5 V
Input voltage range "1" signal	11 V 30 V
Filter time	3 ms
Typical input current per channel	5 mA (for U _{S1} = 24 V)

Product properties

Product type	I/O component
Product family	Ruggedline
Туре	Block design
Diagnostics messages	Mains failure, phase failure, blown fuse Error message in diagnostic code (bus) and display by means of the E LED on the motor starter
	Motor connector not plugged in, motor temperature exceeded,



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(bus) and display by means of the E LED on the motor starter Sensor supply failure Error message in diagnostic code (bus) and display by means of the E LED on the motor starter Failure of the actuator supply Error message in diagnostic code (bus) and display by means of the E LED on the motor starter Motor overcurrent Error message in diagnostic code (bus) and display by means of the E LED on the motor starter Motor overcurrent Error message in diagnostic code (bus) and display by means of the E LED on the motor starter Output stage cannot be controlled Error message in diagnostic code (bus) and display by means of the E LED on the motor starter Module error during self test Message to the master ectrical properties Supply: Module electronics Supply voltage Supply voltage 24 V DC Supply voltage ange 18.5 V DC 32 V DC (including ripple) Ripple Onnection data Connection method M12 connector M12 connector M12 connector Ambient conditions Degree of protection Ambient conditions Permissible humidity (operation) 360 hPa 1080 hPa (up to 1500 m above sea level) Ambient temperature (storage/transport) 25° C 70° C Permissible humidity (peration) 95% (non-condensing) andards and regulations Protection class I (IEC 61140, EN 61140, VDE 0140-1) Air clearances and creepage distances Air clearances and creepage distances in accordance with EN 50178: 1998		
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Classifications

	ETIM 8.0	EC001605
UN	UNSPSC	
	UNSPSC 21.0	32151600



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-l, 6(c), 7(a), 7(c)-l
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: n/a)

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