## Specifications



## Photo is representative





## Eaton 010201

Eaton Moeller® series DILER Contactor relay, 48 V 50 Hz, N/O = Normally open: 2 N/O, N/C = Normally closed: 2 NC, Screw terminals, AC operation

General specification	ns
PRODUCT NAME	Eaton Moeller® series DILER Control relay
CATALOG NUMBER	010201
MODEL CODE	DILER-22(48V50HZ)
EAN	4015080102014
PRODUCT LENGTH/DEPTH	52 mm
PRODUCT HEIGHT	58 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.17 kg
CERTIFICATIONS	IEC/EN 60947  VDE 0660  CSA Class No.: 3211-03  CSA File No.: 012528  UL 508  UL Category Control No.:  NKCR  EN 60947-5-1  UL File No.: E29184  CE  CSA-C22.2 No. 14-05  CSA  IEC/EN 60947-4-1  UL
GLOBAL CATALOG	010201



Product specification	S
FEATURES	Positive operating contacts to EN 60947-5-1 appendix L, including auxiliary contact module
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.

	Resources	
1	CATALOGS	Product Range Catalog Switching and protecting motors
		eaton-product-overview- for-machinery-catalogue- ca08103003zen-en-us.pdf
	CHARACTERISTIC CURVE	eaton-contactors-diler- relay-characteristic- curve.eps
	DECLARATIONS OF	DA-DC-00004763.pdf
	CONFORMITY	DA-DC-00004748.pdf
		eaton-contactors-diler- dimensions-003.eps
		eaton-contactors-diler- dimensions-002.eps
		eaton-contactors-diler- dimensions.eps
	DRAWINGS	eaton-contactors-diler- dimensions-005.eps
		eaton-contactors-diler- dimensions-004.eps
5.		eaton-tripping-devices- mounting-diler-contactor- relay-symbol.eps
5.	ECAD MODEL	eaton-diler-control-relay- eplan-010201.edz
	INSTALLATION INSTRUCTIONS	<u>IL03407009Z</u>
5.	MCAD MODEL	DA-CS-dil em
		DA-CD-dil em
5.	SYSTEM OVERVIEW	eaton-contactors- accessory-diler-relay- system-overview.eps
5.	WIRING DIAGRAMS	eaton-contactors-contact- diler-relay-wiring-diagram- 003.eps

10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to be evaluated.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to be evaluated.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to be evaluated.
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	ls the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	ls the panel builder's responsibility.
10.9.2 POWER- FREQUENCY ELECTRIC STRENGTH	ls the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	ls the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	ls the panel builder's responsibility.
FITTED WITH:	Interlocked opposing contacts
OPERATING FREQUENCY	9000 Operations/h
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
AMBIENT OPERATING TEMPERATURE - MAX	50 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX	40 °C
AMBIENT OPERATING	
TEMPERATURE (ENCLOSED) - MIN	25 °C
	25 °C 0 W
(ENCLOSED) - MIN  EQUIPMENT HEAT  DISSIPATION, CURRENT-	

DEPENDENT PVID	
NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	2
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS, DELAYED SWITCHING)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	2
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS, LEADING)	0
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	48 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	48 V
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
APPLICATION	Contactor relays
PRODUCT CATEGORY	DILER Mini-contactors
PROTECTION	Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)
PROTECTION  CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN)	proof, Protection against direct contact when actuated from front (EN
CONVENTIONAL THERMAL CURRENT ITH	proof, Protection against direct contact when actuated from front (EN 50274)
CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN) VOLTAGE TYPE OF	proof, Protection against direct contact when actuated from front (EN 50274)
CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN)  VOLTAGE TYPE OF OPERATING VOLTAGE	proof, Protection against direct contact when actuated from front (EN 50274)  10 A  AC/DC
CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN)  VOLTAGE TYPE OF OPERATING VOLTAGE  RATED SWITCH CURRENT  OPERATING VOLTAGE AT	proof, Protection against direct contact when actuated from front (EN 50274)  10 A  AC/DC
CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN)  VOLTAGE TYPE OF OPERATING VOLTAGE RATED SWITCH CURRENT  OPERATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT	proof, Protection against direct contact when actuated from front (EN 50274)  10 A  AC/DC  10 A
CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN)  VOLTAGE TYPE OF OPERATING VOLTAGE RATED SWITCH CURRENT  OPERATING VOLTAGE AT AC, 50 HZ - MIN  OPERATING VOLTAGE AT AC, 50 HZ - MAX  OPERATING VOLTAGE AT	proof, Protection against direct contact when actuated from front (EN 50274)  10 A  AC/DC  10 A  17 V  500 V

DC MIN	
DC - MIN	
OPERATING VOLTAGE AT DC - MAX	220 VDC
SCREWDRIVER SIZE	2, Terminal screw, Pozidriv screwdriver 0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver
VOLTAGE TYPE	AC
CODE NUMBER	22E
DEGREE OF PROTECTION	IP20
MOUNTING POSITION	As required (except vertical with terminals A1/A2 at the bottom)
OVERVOLTAGE CATEGORY	III
CONTROL CIRCUIT RELIABILITY	< 2 λ, < 1 failure at 100,000,000 Operations (at U <sub>e</sub> = 24 V DC, Umin = 17 V, Imin = 5.4 mA)
CONNECTION TYPE (AUXILIARY CIRCUIT)	Screw connection
DUTY FACTOR	100 %
LIFESPAN, MECHANICAL	10,000,000 Operations (AC operated)
MOUNTING METHOD	DIN-rail/screw
PICK-UP VOLTAGE	0.8 - 1.1 V AC x Uc (voltage tolerance - single-voltage coil 50 Hz and dual-voltage coil 50 Hz, 60 Hz) 0.85 - 1.1 V AC x Uc (voltage tolerance - dual frequency coil 50/60 Hz)
POWER CONSUMPTION, PICK-UP, 50 HZ	25 VA, AC, Single- frequency coil 50 Hz and Dual-frequency coil 50/60 Hz
SAFE ISOLATION	300 V AC, Between coil and auxiliary contacts, According to EN 61140 300 V AC, Between auxiliary contacts, According to EN 61140
POWER CONSUMPTION, PICK-UP, 60 HZ	25 VA, AC, Single- frequency coil 50 Hz and Dual-frequency coil 50/60 Hz
SCREW SIZE	M3.5, Terminal screw
POWER CONSUMPTION,	1.3 W, AC, Single-

SEALING, 60 HZ	frequency coil 50 Hz and Dual-frequency coil 50/60 Hz
RATED OPERATIONAL CURRENT (IE)	1.5 A at 110 V, DC L/R ≤ 15 ms (with 3 contacts in series) 0.5 A at 220 V, DC L/R ≤ 15 ms (with 3 contacts in series) 2.5 A at 24 V, DC L/R ≤ 15 ms (with 1 contact in series) 2.5 A at 60 V, DC L/R ≤ 15 ms (with 2 contacts in series) 10 A
POWER CONSUMPTION, SEALING, 50 HZ	4.6 VA, AC, Single- frequency coil 50 Hz and Dual-frequency coil 50/60 Hz 1.3 W, AC, Single- frequency coil 50 Hz and Dual-frequency coil 50/60 Hz
SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	10 A, 600 V AC, (UL/CSA) 0.5 A, 250 V DC, (UL/CSA)
SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	P300, DC operated (UL/CSA) A600, AC operated (UL/CSA)
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	0 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	0 V
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	0 V
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	0 V
RATED INSULATION VOLTAGE (UI)	690 V
RATED OPERATIONAL CURRENT (IE) AT AC-15, 220 V, 230 V, 240 V	6 A
RATED OPERATIONAL CURRENT (IE) AT AC-15, 380 V, 400 V, 415 V	3 A
RATED OPERATIONAL	1.5 A

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  STRIPPING LENGTH (MAIN CABLE)  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, NO, WITH AUXILIARY CONTACT MODULE, CLOSING DELAY)  TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)  8 g, N/C auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms	CURRENT (IE) AT AC-15, 500 V	
VOLTAGE (UE) AT AC - MAX  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  STRIPPING LENGTH (MAIN CABLE)  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SMITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SMITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SMITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SMITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SMITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SMITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SMITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SMITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SMITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SMITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SMITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SMITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY)  18 mS  DELAY) - MIN  SMITCHI	CURRENT FOR SPECIFIED	6 A
DISSIPATION, NON- CURRENT-DEPENDENT PVS  STRIPPING LENGTH (MAIN CABLE)  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, N/O, WITH AUXILIARY CONTACT MODULE, CLOSING DELAY)  TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)  8 g, N/C auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms  10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms  10 A fast, 500V, Maximum  SHORT-CIRCUIT  10 A fast, 500V, Maximum	VOLTAGE (UE) AT AC -	600 V
(MAIN CABLE)  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, N/O, WITH AUXILIARY CONTACT MODULE, CLOSING DELAY)  TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)  8 g, N/C auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 A fast, 500V, Maximum	DISSIPATION, NON- CURRENT-DEPENDENT	1.8 W
OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, N/O, WITH AUXILIARY CONTACT MODULE, CLOSING DELAY)  TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)  8 g, N/C auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 A fast, 500V, Maximum		8 mm
OPERATED, MAKE CONTACTS, CLOSING DELAY) - MIN  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, N/O, WITH AUXILIARY CONTACT MODULE, CLOSING DELAY)  TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)  8 g, N/C auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 A fast, 500V, Maximum	OPERATED, MAKE CONTACTS, CLOSING	21 ms
OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX  SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, N/O, WITH AUXILIARY CONTACT MODULE, CLOSING DELAY)  TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)  8 g, N/C auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms  SHORT-CIRCUIT  10 A fast, 500V, Maximum	OPERATED, MAKE CONTACTS, CLOSING	14 ms
OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN  SWITCHING TIME (AC OPERATED, N/O, WITH AUXILIARY CONTACT MODULE, CLOSING DELAY)  TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)  8 g, N/C auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms  SHORT-CIRCUIT  10 A fast, 500V, Maximum	OPERATED, MAKE CONTACTS, OPENING	18 ms
OPERATED, N/O, WITH AUXILIARY CONTACT MODULE, CLOSING DELAY)  TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)  8 g, N/C auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms  SHORT-CIRCUIT  10 A fast, 500V, Maximum	OPERATED, MAKE CONTACTS, OPENING	8 ms
(FLEXIBLE WITH FERRULE)  1 x (0.75 - 1.5) mm² 2 x (0.75 - 1.5) mm² 8 g, N/C auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms  SHORT-CIRCUIT  10 A fast, 500V, Maximum	OPERATED, N/O, WITH AUXILIARY CONTACT MODULE, CLOSING	45 ms
SHOCK RESISTANCE  Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Halfsinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Halfsinusoidal shock 10 ms  SHORT-CIRCUIT 10 A fast, 500V, Maximum	(FLEXIBLE WITH	
	SHOCK RESISTANCE	Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Halfsinusoidal shock 10 ms 10 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half-
<b>PROTECTION RATING</b> fuse, Short-circuit rating		10 A fast, 500V, Maximum fuse, Short-circuit rating

	without welding, Contacts
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 14 2 x (18 - 14) 1 x (18 - 14)
SHORT-CIRCUIT PROTECTION RATING WITHOUT WELDING	6 A gG/gL, 500 V, Max. Fuse, Contacts
TERMINAL CAPACITY (SOLID)	1 x (0.75 - 2.5) mm <sup>2</sup> 2 x (0.75 - 2.5) mm <sup>2</sup>
TIGHTENING TORQUE	1.2 Nm, Screw terminals
ACTUATING VOLTAGE	48 V 50 Hz

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



**Eaton Corporation plc** 

Eaton House 30 Pembroke Road Dublin 4, Ireland Eaton.com

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