

Product datasheet

Specifications



discrete module X80 - 8 NO/NC
Type C - Isolated relays - 125 V DC/
250 V AC

BMXDRC0805

EAN Code: 3606489485061

Main

Range of product	Modicon X80
Product or component type	Relay discrete output module
Discrete output logic	Positive or negative

Complementary

Minimum switching current	10 mA 5 V DC
Response time on output	<= 10 ms activation <= 13 ms deactivation
Insulation resistance	> 10 MOhm 500 V DC
MTBF reliability	2650000 H
Protection type	External short-circuit protection External overload protection External overvoltage protection, inductive AC network External overvoltage protection, inductive DC network
Product weight	0.189 kg

Environment

IP degree of protection	IP20
Protective treatment	Standard version
Dielectric strength	1780 V AC at 50/60 Hz 1 min
Relative humidity	5...95 % at 0...60 °C without condensation

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	18.000 cm
Package 1 Length	26.000 cm
Package 1 Weight	338.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Package 2 Weight	3.180 kg
------------------	----------

Logistical informations

Country of origin	FR
-------------------	----

Contractual warranty

Warranty (in months)	18
----------------------	----



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	25 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	19 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.3 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	6 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	43b0fbab-d94b-43e8-be0a-0b39cadd288b
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
--------	----

Use Again

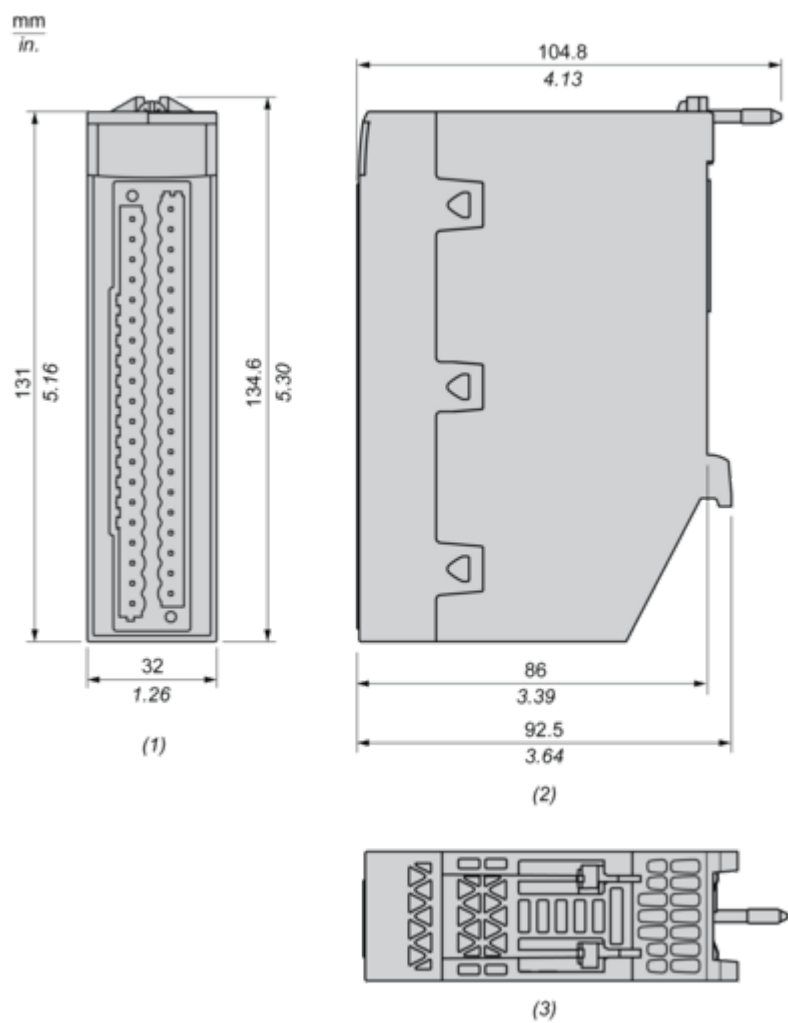


Repack and remanufacture

Recyclability potential, in %	0
End of life manual availability	End of Life Information
Take-back	No

Dimensions Drawings

Dimensions

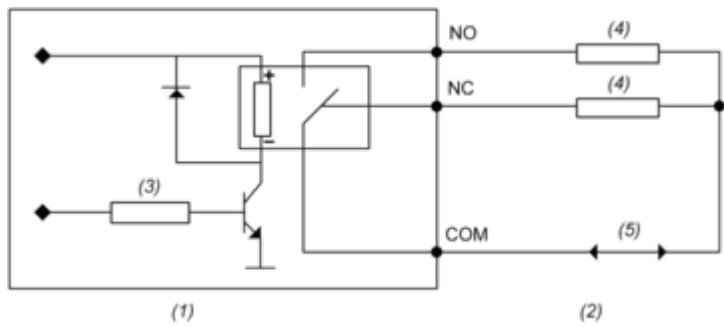


- (1) Front view
- (2) Right view
- (3) Top view

Connections and Schema

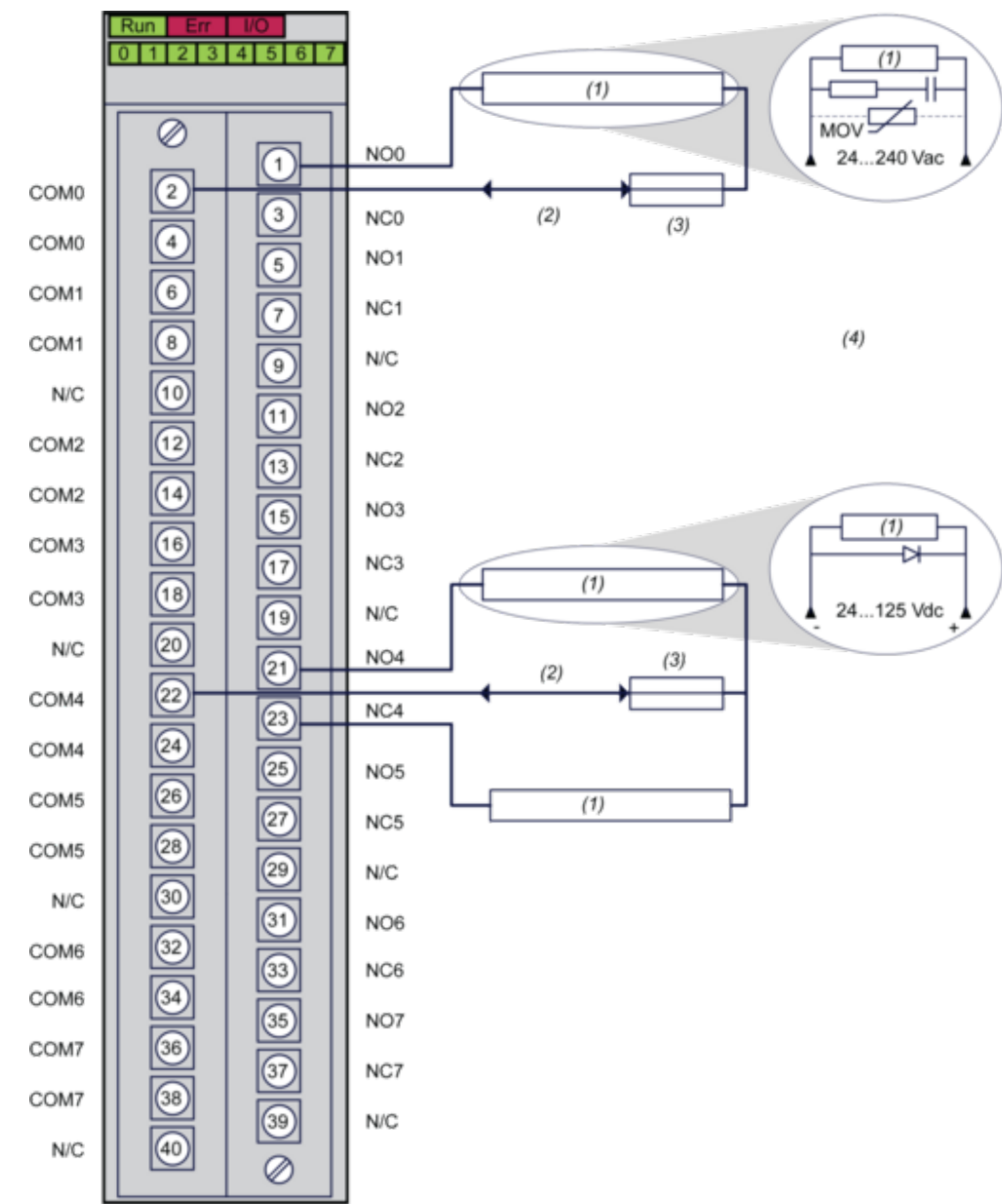
Connecting the Module

Output Circuit Diagram



- (1) Module
- (2) Output
- (3) Command
- (4) Pre-actuator
- (5) Power supply
- NO : Normally open output
- NC : Normally closed output

Module Connection



- (1) Pre-actuator
(2) Power supply : 24...125 Vdc or 24...240 Vac
(3) Fuse : Use appropriate fast-blow fuse for each relay
(4) We recommend installing this type of protection on the terminals of each pre-actuator
N/C : Not connected

Image of product / Alternate images

Alternative

