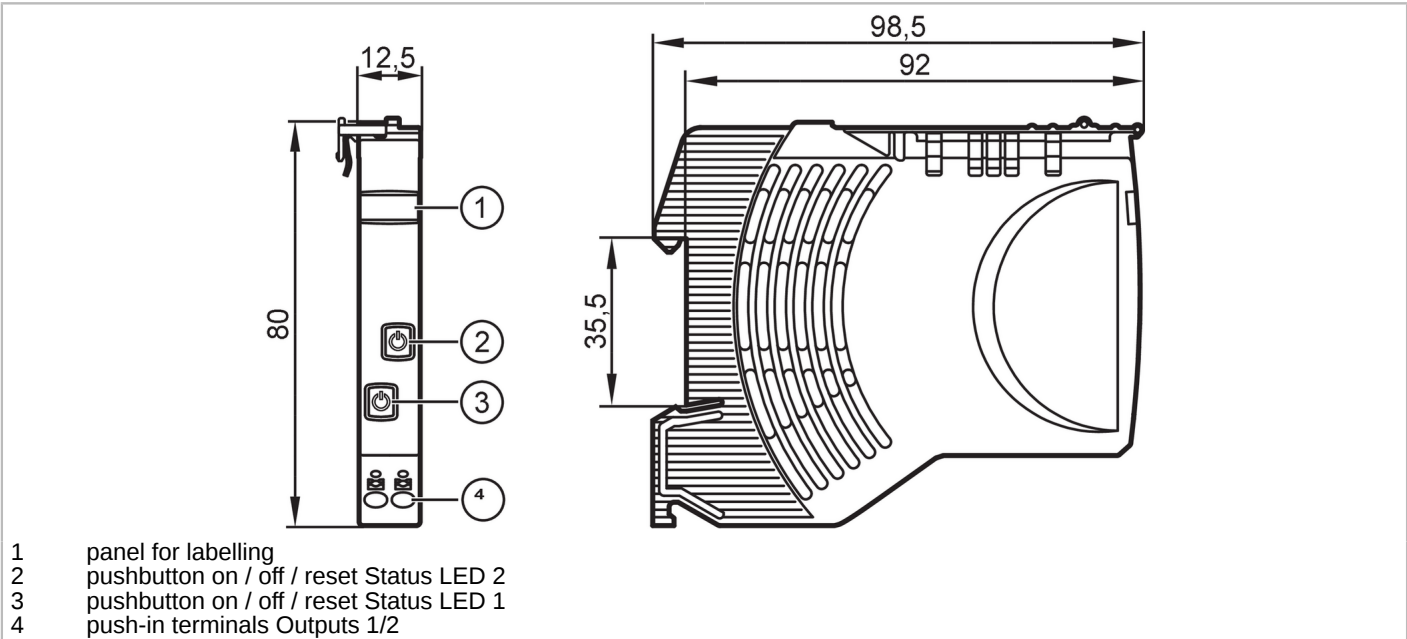


DF1214



Electronic circuit breaker

Fuse/Standard/24VDC/2x4A



- 1 panel for labelling
- 2 pushbutton on / off / reset Status LED 2
- 3 pushbutton on / off / reset Status LED 1
- 4 push-in terminals Outputs 1/2



Application

Design

housing for DIN rail mounting

Electrical data

Operating voltage [V]	to SELV/PELV ; "supply class 2" according to UR	
Nominal voltage DC [V]	24	
Input voltage DC [V]	19.2...30	
Protection class	III	
Mains buffering time (nominal voltage 24 V DC) [ms]	10	
Closed-circuit current [mA]	8	
Power loss (nominal voltage 24 V DC) [W]	0.912	
Number of channels	2	
Nominal current [A]	4	
Nominal current (Fail Safe Element) [A]	4	

Outputs

Load capacitance, total [mF]	15
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Operating conditions

Ambient temperature [°C]	-25...60
Storage temperature [°C]	-40...70
Protection	IP 20; (on the front)
Pollution degree	2

Tests / approvals

EMC	EN 61000-6-3	radiation of interference
	EN 61000-6-2	noise immunity

DF1214

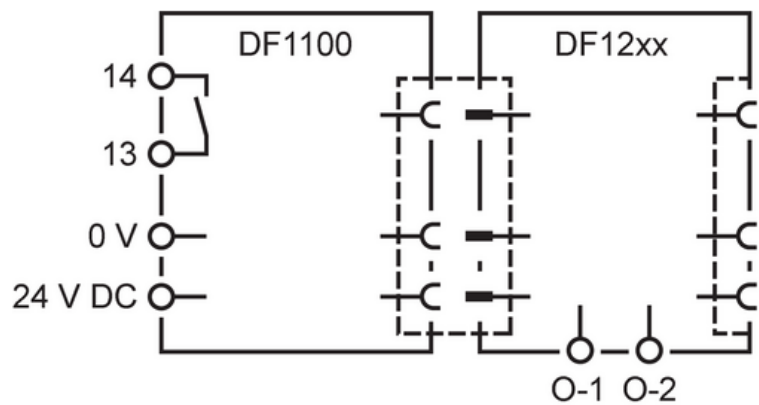


Electronic circuit breaker

Fuse/Standard/24VDC/2x4A

Mechanical data		
Weight	[g]	69
Housing		rectangular
Type of mounting		Mounting on DIN rail; (TH35 (EN 60715))
Dimensions	[mm]	80 x 12.5 x 98.5
Displays / operating elements		
Display	status	2 x LED, red / green / orange
Operating elements	2 x	pushbuttons
Remarks		
Pack quantity		1 pcs.

Electrical connection	
push-in terminals:	
contact lever/strip:	
Connection	



Diagrams and graphs															
Output curve	<table border="1"><caption>Switch-off time data (approximate)</caption><thead><tr><th>Multiples of nominal current</th><th>Switch-off time [s]</th></tr></thead><tbody><tr><td>1.0</td><td>1000</td></tr><tr><td>1.1</td><td>5</td></tr><tr><td>1.3</td><td>0.5</td></tr><tr><td>2.0</td><td>0.1</td></tr><tr><td>2.5</td><td>0.01</td></tr><tr><td>3.0</td><td>0.01</td></tr></tbody></table>	Multiples of nominal current	Switch-off time [s]	1.0	1000	1.1	5	1.3	0.5	2.0	0.1	2.5	0.01	3.0	0.01
Multiples of nominal current	Switch-off time [s]														
1.0	1000														
1.1	5														
1.3	0.5														
2.0	0.1														
2.5	0.01														
3.0	0.01														
Time-current characteristics															