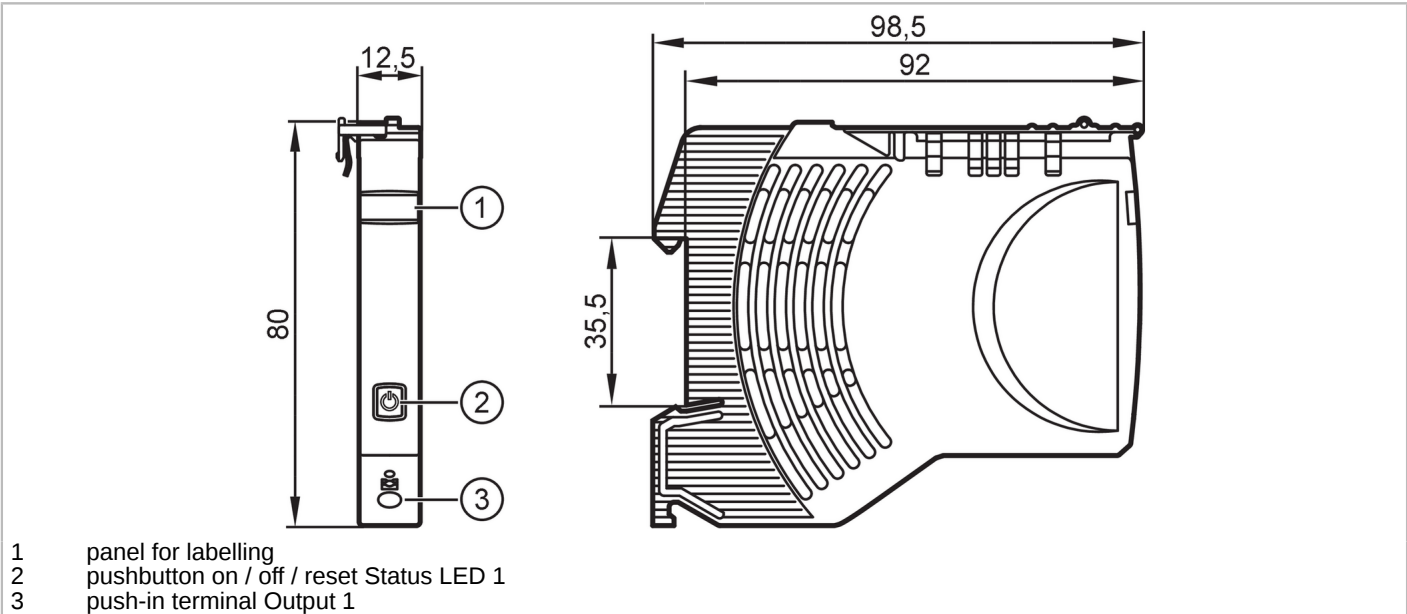


DF1208



Electronic circuit breaker

Fuse/Standard/24VDC/8A



- 1 panel for labelling
- 2 pushbutton on / off / reset Status LED 1
- 3 push-in terminal Output 1



Application

Design	housing for DIN rail mounting
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Electrical data

Operating voltage	[V]	to SELV/PELV
Nominal voltage DC	[V]	24
Input voltage DC	[V]	18...30
Protection class		III
Mains buffering time (nominal voltage 24 V DC)	[ms]	10
Closed-circuit current	[mA]	5
Power loss (nominal voltage 24 V DC)	[W]	1.472
Number of channels		1
Nominal current	[A]	8
Nominal current (Fail Safe Element)	[A]	8

Outputs

Load capacitance, total	[mF]	20
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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

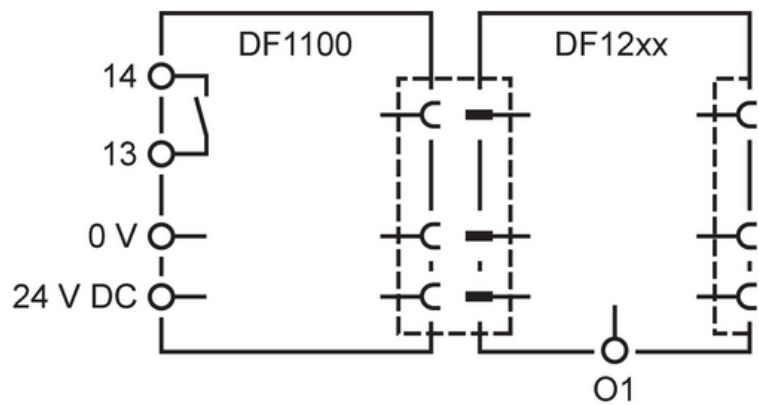
DF1208



Electronic circuit breaker

Fuse/Standard/24VDC/8A

Mechanical data		
Weight	[g]	67
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	1 x LED, red / green / orange
Operating elements	1 x	pushbuttons
Remarks		
Pack quantity		1 pcs.
Electrical connection		
push-in terminals:		
contact lever/strip:		
Connection		



Diagrams and graphs															
Output curve	24 V DC, 23 °C <table border="1"><caption>Approximate data points from the graph</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> Time-current characteristics	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														
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