

## Auxiliary elements for S800

### S800-AUX



#### S800-AUX

##### Auxiliary contact for external display

The S800-AUX auxiliary contact is for electrical display of the operating state of the high performance MCB. Both changeover contacts always switch simultaneously with the live conductor contact and detect the following operating states:

- Manual tripping
- Tripping due to thermal overload
- Tripping due to magnetic overload (short-circuit)

##### Mode of function of the test button

The test button is operated by a tool and allows the user to simulate the mode of function of the auxiliary contact when switched on without tripping the high performance MCB itself.

##### Mode of function of the two changeover contacts

- Off position of the high performance MCB                      contacts 11–12 and 21–22 closed
- On position of the high performance MCB                      contacts 11–14 and 21–24 closed

##### Mounting ability of the auxiliary contact

- Two S800-AUX auxiliary contacts can be mounted by the user at the left on the high performance MCB.

Auxiliary contact S800-AUX		
Utilisation categories compliant to IEC 60947-5-1		AC15 400/2A, AC15 240/6A, DC13 250/0.55A, DC13 125V/1.1A, DC13 60V/2A, DC13 24V/4A
Rated values compliant to UL 489		125VAC/6A, 250VAC/5A, 24VDC/4A, 125VDC/0.3A, 250VDC/0.15A
Conventional free air thermal current $I_{th}$	A	6
Minimum operational current $I_{min}$	mA	3
Minimum operational voltage $U_{min}$	V	24
Rated insulation voltage $U_i$	V	690
Number of contacts		2
Rated impulse withstand voltage $U_{imp}$	kV	6
Pollution degree		3
Standard		IEC 60947-5-1 / UL 489
Contact function		Changeover contact
Connection $C_u$	mm <sup>2</sup>	1 x 2.5 2 x 1.5 14 AWG
Tightening torque	Nm	1
AC/DC feed		any
Mounting on DIN top hat rail		EN 60715
Protection category		IP20
Permissible operating ambient temperature	°C	-25 ... +60
Storage temperature	°C	- 40 ... +70
Mech. lifetime of device		6000 switching cycles
$I_{cu}$	A	1000
Vibration resistance		IEC 60068-2-6; EN 61373 Cat.1/Class B 5g, 20 frequency cycle 5 ... 150 ... 5 Hz at 24V AC/DC, 5mA short-term interruption <10ms

Article	GTIN	Order details		Price	Weight	Pack
	761227	Type code	Order code	1	1 piece	unit
	EAN			piece	kg	pc.
Auxiliary contact	1206802	S800-AUX	2CCS800900R0011		0.05	1



## Auxiliary elements for S800

S800-AUX/ALT

### Technical data

Combined auxiliary and signal contact S800-AUX/ALT		
Utilisation categories compliant to IEC 60947-5-1		AC15 400/2A, AC15 240/6A DC13 250/0.55A DC13 125V/1.1A DC13 60V/2A DC13 24V/4A
Rated values compliant to UL 489		125VAC/6A 250VAC/5A 24VDC/4A 125VDC/0.3A 250VDC/0.15A
Conventional free air thermal current $I_{th}$	A	6
Minimum operational $I_{min}$	mA	3
Minimum operational voltage $U_{min}$	V	24
Rated insulation voltage $U_i$	A	690
Number of contacts		2 (1x AUX, 1x AUX/ALT)
Rated impulse withstand voltage $U_{imp}$	kV	6
Pollution degree		3
Standard		IEC 60947-5-1 / UL 489
Contact function		Changeover contact
Connection $C_u$	mm <sup>2</sup>	1 x 2.5 2 x 1.5 14 AWG
Tightening torque	Nm	1
AC/DC feed.		any
Mounting on DIN top hat rail		EN 60715
Protection category		IP20
Permissible operating ambient temperature	°C	-25 ... +60
Storage temperature	°C	-40 ... +70
Mech. lifetime of device		6000 switching cycles
$I_{cu}$ with S450E	A	1000
Vibration resistance		IEC 60068-2-6; EN 61373 Cat.1/Class B 5g, 20 frequency cycle 5 ... 150 ... 5 Hz at 24V AC/DC, 5 mA short-term interruption <10ms

Article	GTIN	Order details		Price	Weight	Pack
	761227	Type code	Order code	1	1 piece	unit
Article	EAN	Type code	Order code	piece	kg	pc.
Auxiliary/signal contact	1206819	S800-AUX/ALT	2CCS800900R0021		0.05	1

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## Summary

A brief overview and more useful information

## Order Codes

A brief overview and more useful information

The link provided here will redirect you to the **detailed product catalog**, where you can find **more information about the products and the order codes**.

<https://new.abb.com/products/2CCS800900R0011/s800-aux-auxiliary-contact>