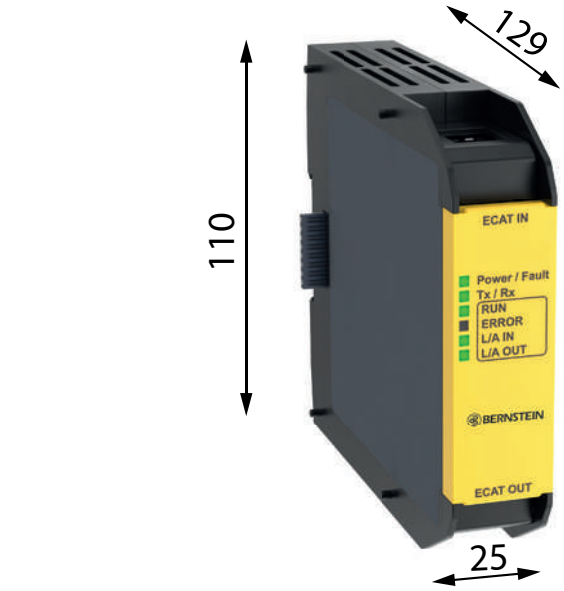
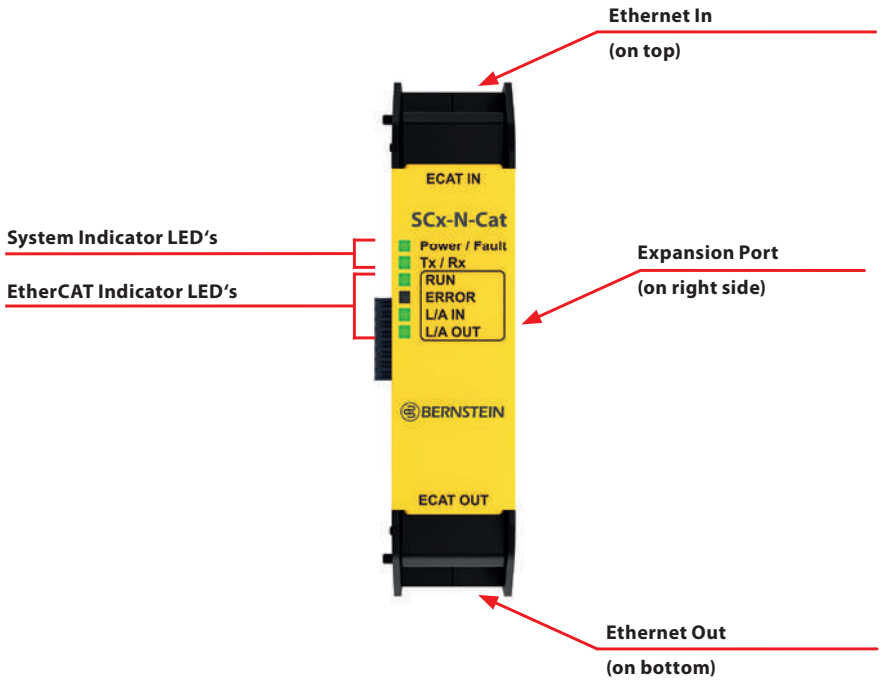
Safety Controller
Series SCx

Description **SCx-N-Cat**	Article number **6075774216**

EtherCAT communication gateway





Electrical Data	
Sourcing voltage	
Voltage	24 V DC ± 20 % (incl. ripple)
Current	100 mA no load
Network Interface	EtherCAT® 5
Data Transfer Rate	100 Mbits/s, 100 Base-T Autosensing
Connection Type	Two RJ-45 sockets

Mechanical Data	
Operating Conditions	
Temperature	0 °C to +55 °C
Storage Temperature	–30 °C to +65 °C
Humidity	90 % at +50 °C maximum relative humidity (non-condensing)
Operating Altitude	2000 m maximum (6562 ft maximum)
Protection class	IP20 (NEMA 1), for use in enclosures to IP54 (NEMA 3) or higher
Mechanical Stress	
Shock	15 g for 11 ms, half sine, 18 shocks total (per IEC 61131-2)
Vibration	3,5 mm occasional / 1,75 mm continuous at 5 Hz to 9 Hz, 1,0 g occasional and 0,5 g continuous at 9 Hz to 150 Hz: all at 10 sweep cycles per axis (per IEC 61131-2)

Standards
EN ISO 12100
ISO 13857
ISO13850
EN 574
IEC6206
EN ISO 13849-1
ISO 13855
ISO 14119
EN 60204-1
IEC 61496
IEC 60529
IEC 60947-1
IEC 60947-5-1
IEC 60947-5-5
IEC 61508
IEC 62046

Safety Ratings
Category 4, PL e (EN ISO 13849)
SIL CL 3 (IEC 62061, IEC 61508)

EU-Conformity	
	according to directive 2006/42/EG (Safety-of-Machinery-Directive)
	according to directive 2014/30/EU (EMV-Richtlinie)
	2012/19/EU (EU-WEEE II); WEEE-Reg. No. DE 50560927

Approvals	
	$_{c}UL_{US}$