

NEW



Expandable safety controller for complex applications **SCx with DCD diagnostics option**

The SCx Safety Controller completes the SMART Safety System for complete machine and system protection. You can add up to eight I/O expansion modules, use *Daisy Chain Diagnostics (DCD)* and exchange data via three different fieldbus protocols. This means that the SCx expandable safety controller can meet all the safety requirements of your machine. Programming is easy thanks to the intuitive, proven and free software.



PRODUCT HIGHLIGHTS

- PC-configurable – Flexible and easy to use
- Network-compatible – *Profinet, Modbus/TCP* and *EtherCAT*
- Safe devices to connect: Up to 394
- Safety inputs: Up to 154
- Independent safety outputs: Up to 68, 0.5 A to 6 A each
- Convertible safety inputs: Up to 40 (including 8 on the base unit)
- *Daisy Chain Diagnostic (DCD)* provides detailed status and diagnostic information
- Optional display provides local diagnostics for efficient troubleshooting
- Up to eight possible expansion I/O modules can be added








110 mm

45 mm



We make safety happen.

Order details SCx

Picture	Designation	Description	Article number	Industrial Ethernet	Safety Inputs/ of which configurable I/O	Independently controlled safe outputs	Max. Output current of the safety circuits
	SCx-B-26-2T-5	Base unit with LCD display	6075731212	<i>Profinet, Modbus/TCP</i>	26/8	2	0.5A PNP @24 V DC
	SCx-N-Cat	<i>EtherCat</i> Communication module	6075774216	<i>EtherCAT</i>	-	-	-
	SCx-I-16	16-fold safety input extension	6075772218	-	16/4	-	-
	SCx-O-2R	Safety relay output module	6075773219	-	-	2	6A, 2 NO, 1 NC aux
	SCx-O-4T	Safety module output module	6075773222	-	-	4	0.5A PNP @24 V DC



Technical Data

- Rated operational voltage (U_e): 24 V DC
- Ambient temperature: 0°C bis +55°C
- IP rating: IP20
- Certifications:

