





References of actuating keys

				
Description	Straight actuating key	Actuating key with wide fixing	Pivoting actuating key	Latch for sliding doors
For XCSLF and XCSLE key-operated switches	XCSZ01	XCSZ02	XCSZ03	XCSZ05
Weight (kg)	0.020	0.020	0.095	0.600

Separate parts



XCSZ90

Description	Used for	Unit reference	Weight kg
Blanking plugs for operating head slot (Sold in lots of 10)	XCSLF, XCSLE	XCSZ30	0.050
Keys for forced opening of interlocking device (Sold in lots of 10)	XCSLF	XCSZ25	0.100
Padlocking device to help prevent insertion of actuating key, for up to 3 padlocks (padlocks not included)	XCSLF, XCSLE	XCSZ90	0.055
Tool for forced opening of interlocking device (Sold in lots of 10)	XCSLE	XCSZ100	0.050
Cover safety kit consisting of: ■ 4 x 5-lobe torque screws ■ 1 magnetic screwdriver bit	XCSLF	XCSZ210	0.020
	XCSLE	XCSZ211	0.020

Characteristics

M23 connectors

Type of connection	Screw thread (metal clamping ring)
Degree of protection	IP 65 (with clamping ring correctly tightened)
Ambient air temperature	-25...+110 °C
Connection	To solder terminals. Maximum conductor c.s.a.: 1 mm ² Cable gland: no. 13 metal (Pg 13.5) Clamping capacity: 9 to 12 mm
LED signaling	–
Nominal voltage	60 V ~, 75 V –
Nominal current	7.5 A
Insulation resistance	> 10 ¹² Ω
Contact resistance	≤ 5 mΩ

Safety detection solutions

Safety interlock switches
Key-operated with solenoid, turret head
XCSE metal, 2 cable entries

Solenoid characteristics					
Load factor	100%				
Rated operational voltage	~ or --- 24 V	~ or --- 24 V	~ or --- 48 V	~ or --- 110/120 V	~ or --- 220/240 V
Voltage limits	Conforming to EN/IEC 60947-1 - 15%, + 10% of the rated operational voltage (including ripple on ---)				
Service life	20,000 hours				
Consumption	Inrush: 10 VA. Sealed: 10 VA				

LED indicator characteristics		
Rated insulation voltage	50 V conforming to EN/IEC 60947-1	250 V conforming to EN/IEC 60947-1
Current consumption	7 mA	7 mA
Rated operational voltage	~ or 24/48 V ---	110/240 V ~
Voltage limits	~ or 20...52 V --- (including ripple)	95...264 V ~ (including ripple)
Service life	100,000 hours	100,000 hours
Protection against overvoltages	Yes	Yes

Separate components



PF090313
XCSZ90

Description	For use with	Key withdrawal positions from lock	Unit reference	Weight kg
Blanking plugs for operating head slot (Sold in lots of 10)	XCSE	–	XCSZ27	0.050
Keys for forced opening of interlocking device (Sold in lots of 10)	XCSE	–	XCSZ25	0.100

Padlocking device to help prevent insertion of actuating key, for up to 3 padlocks (padlocks not included)	XCSE	–	XCSZ90	0.055
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PF53850_A
DE9RA2012

Description	For use with	Unit reference	Weight kg
1/2" NPT conduit female, M20 male adapter (Sold in lots of 5)	XCSE	DE9RA2012	0.048
M20 x 1.5 female, Pg 13.5 male adapter (Sold in lots of 5)	XCSE	DE9RP13520	0.032

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Description	Straight actuating key	Actuating key with wide fixing	Pivoting actuating key	Latch for sliding doors
For XCSE key-operated switches	XCSZ01	XCSZ02	XCSZ03	XCSZ05
Weight (kg)	0.020	0.020	0.095	0.600

Safety detection solutions

Safety interlock switches

Key-operated with solenoid, turret head (1)

XCSTE plastic, 1 cable entry

References of actuating keys and guard retaining device



Description	Straight key	Key with wide fixing (2)	Pivoting key	Right-angled key
For XCSTE safety interlock switches	XCSZ11	XCSZ12	XCSZ13	XCSZ14
Weight (kg)	0.015	0.015	0.085	0.025

References of accessories



XCSZ91



XCSZ200



DE9RA1012

Description	For use with	Unit reference	Weight kg
Blanking plugs for operating head slot (Sold in lots of 10)	XCSTE	XCSZ28	0.050
Tool for forced opening of interlocking device (Sold in lots of 10)	XCSTE	XCSZ100	0.050
Padlocking device to help prevent insertion of key, for up to 3 padlocks (padlocks not included)	XCSTE	XCSZ91	0.053
Key centering device (3) (Fixing screws included)	XCSTE	XCSZ200	0.022
1/2" NPT conduit adapter (Sold in lots of 10)	XCSTE	DE9RA1012	0.048
M16 x 1.5 adapter (Sold in lots of 10)	XCSTE	DE9RA1016	0.048

(1) Head adjustable in 90° steps through 360°. Blanking plug for operating head slot included with switch.

(2) 2 key lengths, XCSZ12: L = 40 mm, XCSZ15: L = 29 mm.

(3) Not for use with XCSZ91.

Other versions: please consult our Customer Care Center.