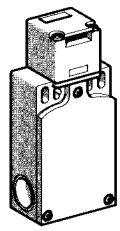
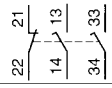
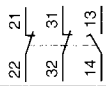
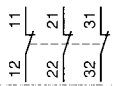
Safety limit switches
Double insulated, turret head (1), type XCS-TA
Cable entries tapped M16 x 1.5

References, characteristics

Type of switch	Without locking of operating key



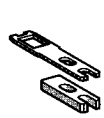
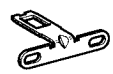
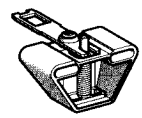
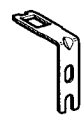
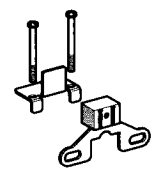
References of switches without operating key (⊖ N/C contact with positive opening operation)

3-pole N/C + N/O + N/O (2 N/O staggered) slow break (2)		**XCS-TA592** ⊖
3-pole N/C + N/C + N/O (N/O staggered) slow break (2)		**XCS-TA792** ⊖
3-pole N/C + N/C + N/C slow break (2)		**XCS-TA892** ⊖
Weight (kg)		0.190

Complementary characteristics not shown under general characteristics (page 6/16)

Actuation speed	Maximum : 0.5 m/s, minimum : 0.01 m/s
Resistance to forcible key withdrawal	10 N (50 N using operating keys **XCS-Z12** or **XCS-Z13** together with guard retaining device **XCS-Z21**)
Mechanical durability	**> 1 million operating cycles**
Maximum operating rate	For maximum durability : 600 operating cycles per hour
Minimum force for positive opening	15 N
Cable entry	2 tapped entries for M16 x 1.5 ISO cable gland. Clamping capacity 4 to 8 mm.

References of operating keys and guard retaining device

Description	Straight key	Wide key	Pivoting key	Right-angled key	Guard retaining device (3)
For limit switches XCS-TA	**XCS-Z11**	**XCS-Z12**	**XCS-Z13**	**XCS-Z14**	**XCS-Z21**
Weight (kg)	0.015	0.015	0.085	0.025	0.080

References of supplementary accessories

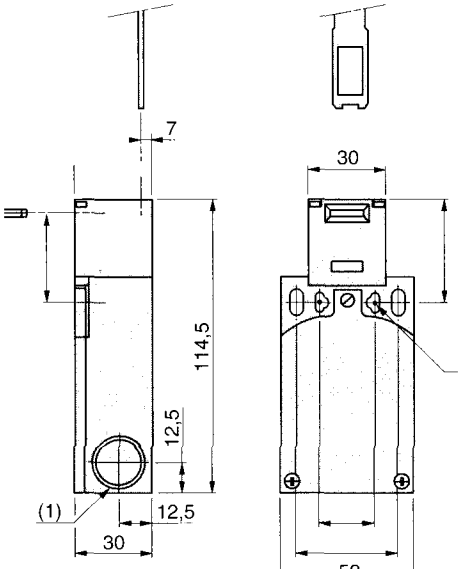
Description	Reference	Weight kg
Set of 10 blanking plugs for operating head slot	**XCS-Z28**	0.050

(1) 90° steps throughout 360°.
(2) Schematic diagrams shown represent the contact states whilst the operating key is inserted in the head of the switch.
(3) Only for use with operating keys XCS-Z12 and XCS-Z13.

Safety limit switches
Double insulated, turret head, type XCS-TA
Cable entries tapped M16 x 1.5

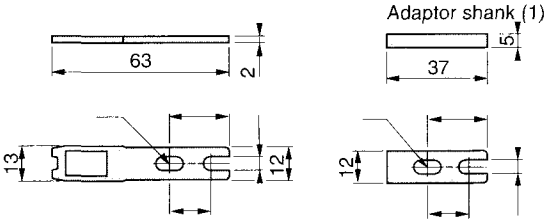
Dimensions, schemes

Dimensions
XCS-TA●●●



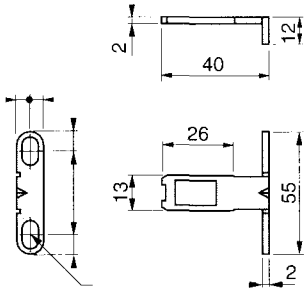
(1) 2 entries tapped M16 x 1.5 for ISO cable gland

XCS-Z11

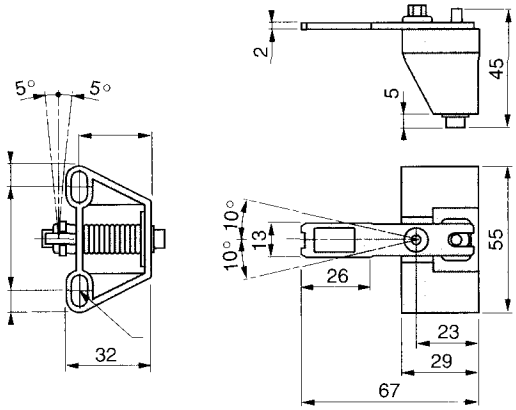


(1) Adaptor (supplied with operating key XCS-Z11) for replacing, without drilling additional fixing hole, an XCK-T safety limit switch with operating key XCK-Y01 by an XCS-TA safety limit switch with operating key XCS-Z11

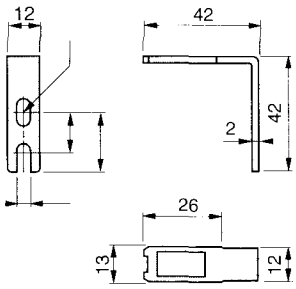
XCS-Z12



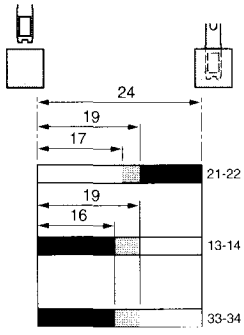
XCS-Z13



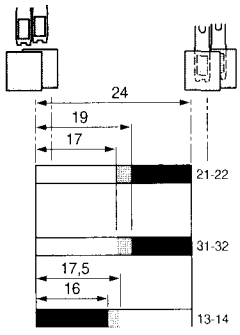
XCS-Z14



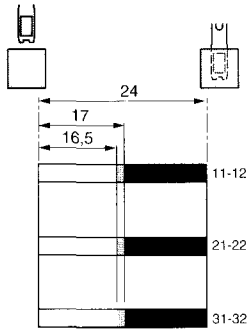
Function diagrams
XCS-TA592



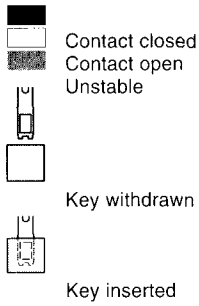
XCS-TA792



XCS-TA892



Contact operation



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