



DoP N° EN179-2232

1. Manufacturer:

ISEO Serrature S.p.A. - Via S. Girolamo, 13 – IT 25055 - Pisogne (BS)

2. Product identification code:

Emergency exit device Type "A" operated by lever handle

3. Type number allowing identification of the construction product as required under Article 11, paragraph 4 (CPR):

Series:	214, 212		
Models:	single leaf	214***65* + 032094	3 7 6 B 1 4 4 2 A A
		214***65*.CD, 214***65*.CS, 214***65*.C + 032094	3 7 6 B 1 4 4 2 A D
	double leaves	214***65*	3 7 6 B 1 4 4 2 A A
		214***65*.CD, 214***65*.CS, 214***65*.C + 032094	3 7 6 B 1 4 4 2 A D
		212***65* + ISEO 0324**	
Handles	HOPPE PARIS, ECO SCHULTE 1030 / 1035 / 0110 / 0115 / 0116 / 0330 / 0410 / 0415 / 0490, NORMBAU, MUSTER, VIELER ER.FSG.522, HEWI 230, ARIES 00E1***10**.		
Accessories:	0321**, 0327**, ARIES 00E1***10**.		

4. Intended use of the construction product: For doors on escape routes

5. System of assessment and verification of constancy of performance: 1 - Annex V (305/2011 UE - CPR)

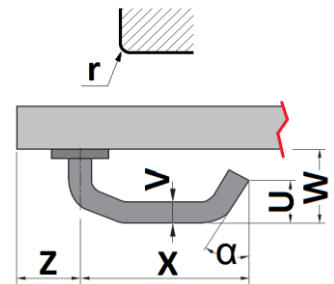
6. Notified Body: ICIM S.p.A. Number 0425

7. Certificate of constancy of performance: 0425 – CPR - 2232

8. Harmonized standard: EN179:2008 Classification: |3|7|6|B|1|4|4|2|A|A/D|

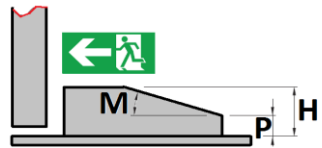
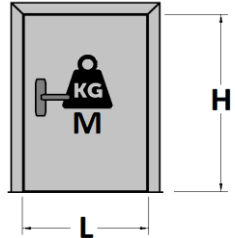
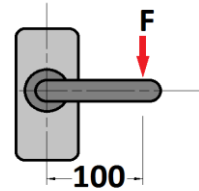
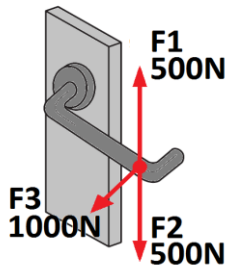
9. Essential characteristics

EN179 § 4.1.2	Release function	< 1 [sec]
EN179 § 4.1.3	Release operation	The release direction of the device is in the direction of the door opening
EN179 § 4.1.4	Lever handle design	The device release the door following a movement of the lever handle in a downwards rotational direction.
EN179 § 4.1.5	Push pad design	Non applicable
EN179 § 4.1.6	Double doorset	When used on double doorset leaves allows both leaves to be opened simultaneously.
EN179 § 4.1.8	Exposed edge and corners	$r \geq 0,5$ [mm]
EN179 § 4.1.11	Push Pad device mounting	Non applicable
EN179 § 4.1.12	Lever handle device mounting	$X \geq 120$ [mm]; $Z \leq 150$ [mm]
EN179 § 4.1.13	Operating element projection	$W \leq 100$ [mm]
EN179 § 4.1.14	Operating element face	$V \geq 18$ [mm]
EN179 § 4.1.15	Lever handle free end	$U \geq 40$ [mm]; $W \leq 100$ [mm]; $\alpha \leq 30$ [°]
EN179 § 4.1.16	Lever handle operating gap	The test block passes freely between the lever handle and the surface of the door
EN179 § 4.1.17	Push pad operating gap	Non applicable
EN179 § 4.1.18	Test rod	The device does not trap the test rod in any position of the push pad.
EN179 § 4.1.19	Push pad release operation	Non applicable
EN179 § 4.1.20	Accessible gap	The test piece placed in any accessible gap cannot prevent the correct operation of the device.
EN179 § 4.1.21	Door free movement	The device does not include any element impeding the free movement of the door once it is released
EN179 § 4.1.22	Top vertical bolt	The releasing of the bottom vertical rod bolt head does not release the top vertical rod bolt head.





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EN179 § 4.1.24	Keepers	The keeper protects the door frame from the damage caused by the door closing and opening.	
EN179 § 4.1.25	Keepers dimensions	$H \leq 15\text{mm}$, $M \leq 45^\circ$, $P \leq 3\text{ mm}$	
EN179 § 4.1.27	Door mass and dimensions	$M \leq 200\text{ [kg]}$, $H \leq 5.000\text{ [mm]}$, $L \leq 1.500\text{ [mm]}$	
EN179 § 4.1.28	Outside access device	The outside access device does not render the emergency device inoperable from the inside.	
EN179 § 4.2.2	Release force	$F \leq 70\text{ [N]}$	
EN179 § 4.2.4	Security requirement	Grade 4: the device remains locked when a force of 3000N is applied to the door.	
EN179 § 4.1.7	Corrosion resistance	Grade 4: very high resistance (240 hours NSS)	
EN179 § 4.1.9	Temperature range	$-10\text{ [}^\circ\text{C]}$; $+60\text{ [}^\circ\text{C]}$	
EN179 § 4.1.23	Vertical rods cover	Non applicable	
EN179 § 4.1.26	Lubrication	Every 20 000 cycles without dismounting the device	
EN179 § 4.2.3	Reengaging force	$\leq 50\text{ [N]}$	
EN179 § 4.2.4	Durability	Grade 7: 200 000 test cycles.	
EN179 § 4.2.5	Abuse resistance	Withstand to F1, F2, F3	
EN179 § 4.2.6	Abuse resistance - vertical rods	Non applicable	
EN179 § 4.2.8	Final examination	The device is released with a $F \leq 70\text{ [N]}$ and the door moves freely.	
EN179 Annex. B	Suitability of emergency exit device for use on fire/smoke resistance door assemblies.	Grade B: suitable for use on fire/smoke resisting door assemblies.	
EN179 § 4.1.29	Dangerous substances	The materials in this product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.	